

Archived NIST Technical Series Publication

The attached publication has been archived (withdrawn), and is provided solely for historical purposes. It may have been superseded by another publication (indicated below).

Archived Publication

Series/Number:	NIST Special Publication 800-1
Title:	Bibliography of Selected Computer Security Publications, January 1980 - October 1989
Publication Date(s):	December 1990
Withdrawal Date:	July 9, 2018
Withdrawal Note:	SP 800-1 is a bibliography of old, non-NIST-series publications. It is being withdrawn but remains available for historical reference.

Superseding Publication(s)

The attached publication has been **superseded by** the following publication(s):

Series/Number:	
Title:	
Author(s):	
Publication Date(s):	
URL/DOI:	

Additional Information (if applicable)

Contact:	Computer Security Division (Information Technology Laboratory)
Latest revision of the attached publication:	
Related information:	https://csrc.nist.gov/publications
Withdrawal announcement (link):	N/A

Date updated: July 9, 2018

NIST Special Publication 800-1

U.S. DEPARTMENT OF
COMMERCE
National Institute of Standards
and Technology



A11103 462196

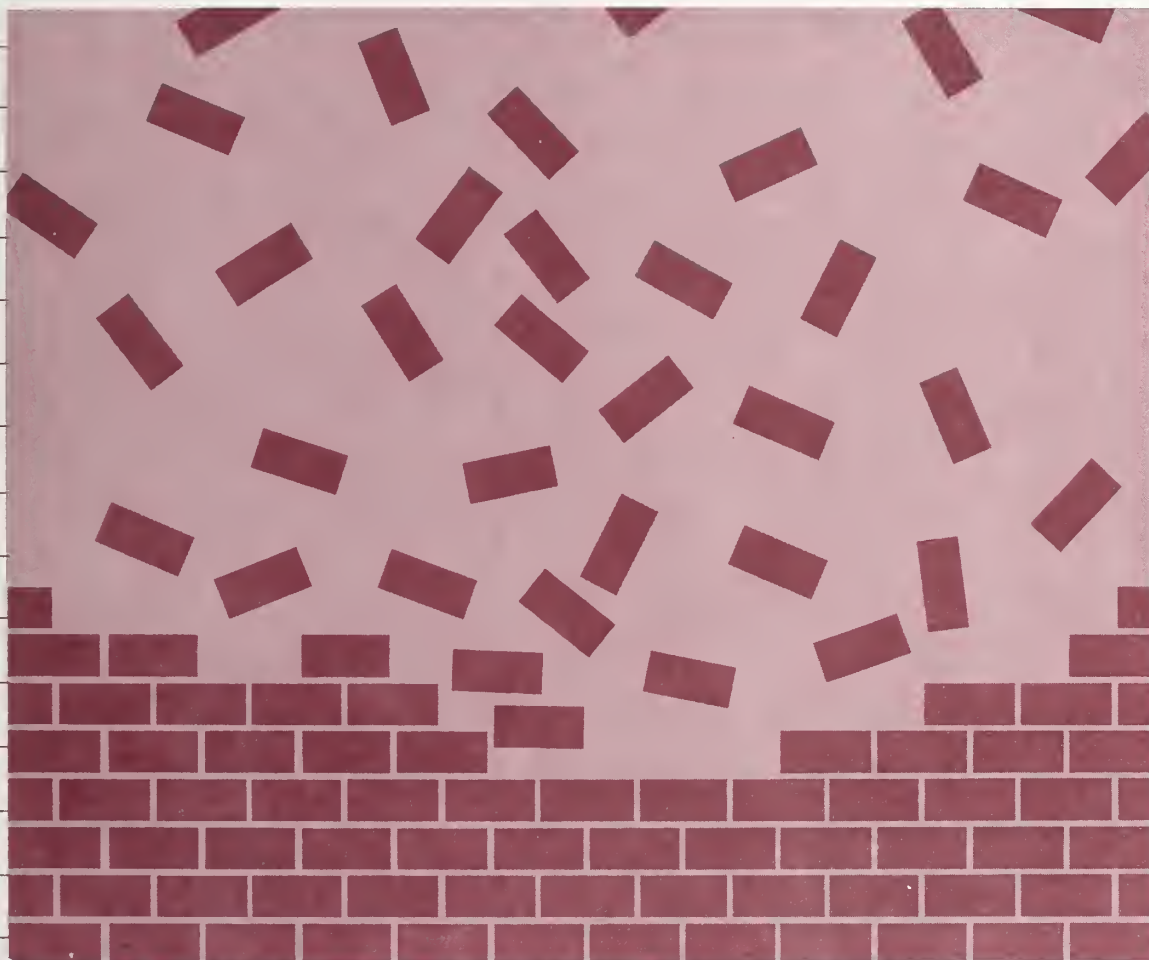
Bibliography of Selected Computer Security Publications January 1980– October 1989

Rein Turn

Lawrence E. Bassham III

NIST
PUBLICATIONS

C O M P U T E R S E C U R I T Y



QC
100
.U57
800-1
1990
C.2

NIST

**Bibliography of
Selected Computer
Security Publications
January 1980–
October 1989**

NISTC
DC 100
U157
200-1
1990
C-2

Rein Turn, Compiler
Rein Turn Associates
Pacific Palisades, CA 90727

Lawrence E. Bassham III, Editor

C O M P U T E R S E C U R I T Y

National Computer Systems Laboratory
National Institute of Standards
and Technology
Gaithersburg, MD 20899

December 1990



U.S. DEPARTMENT OF COMMERCE
Robert A. Mosbacher, Secretary

**NATIONAL INSTITUTE OF STANDARDS
AND TECHNOLOGY**
John W. Lyons, Director

Reports on Computer Systems Technology

The National Institute of Standards and Technology (NIST) has a unique responsibility for computer systems technology within the Federal Government. NIST's National Computer Systems Laboratory (NCSL) develops standards and guidelines, provides technical assistance, and conducts research for computers and related telecommunications systems to achieve more effective utilization of Federal information technology resources. NCSL's responsibilities include development of technical, management, physical, and administrative standards and guidelines for the cost-effective security and privacy of sensitive unclassified information processed in Federal computers. NCSL assists agencies in developing security plans and in improving computer security awareness training. This Special Publication 800 series reports NCSL research and guidelines to Federal agencies as well as to organizations in industry, government, and academia.

National Institute of Standards and Technology Special Publication 800-1
Natl. Inst. Stand. Technol. Spec. Publ. 800-1, 200 pages (Dec. 1990)
CODEN: NSPUE2

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 1990

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402

ABSTRACT

This bibliography cites selected books and articles on computer security published from January 1980 through October 1989. To have been selected, an article had to be substantial in content and have been published in professional or technical journals, magazines, or conference proceedings. Only very substantial articles from the popular or trade press were included. English language articles from foreign journals were included as available. The citations are listed under nine categories. A tenth category of pre-1980 publications is also provided, as well as an appendix containing addresses of all journals and magazines referenced in the bibliography.

Key Words: access controls; auditing; communications security; computer crime; computer security; confidentiality; cryptography; disaster recovery; integrity; privacy; risk management; trusted computing base.

Contents

Introduction	1
1. General	1-1
2. Management	2-1
3. Foundations	3-1
4. Access Control	4-1
5. Trusted Systems	5-1
6. Database Security	6-1
7. Communication and Network Security	7-1
8. Cryptography	8-1
9. Privacy	9-1
10. Pre-1980 Publications	10-1
A. Security Environment	10-1
B. Security Models and Database Security	10-3
C. Communications Security	10-10
D. Privacy	10-13
Appendix A: Periodicals	A-1
Appendix B: List of Key Words	B-1

INTRODUCTION

In recognition of the critical need for better dissemination of computer security information throughout government and industry, the National Institute of Standards and Technology (NIST) has produced this selected bibliography of key computer security literature published from January 1980 through October 1989. This bibliography was compiled by Rein Turn of Rein Turn Associates under contract to NIST.

The bibliography is organized into the following 10 sections and 2 appendices:

1. General
 2. Management
 3. Foundations
 4. Access Control
 5. Trusted Systems
 6. Database Security
 7. Communication and Network Security
 8. Cryptography
 9. Privacy
 10. Pre-1980 Publications
- Appendix A: Periodicals
Appendix B: List of Key Words

Citations in sections 1 through 9 are organized by subject matter; section 10 is a listing of pre-1980 publications. To have been selected, an article had to be substantial in content and have been published in professional or technical journals, magazines, or conference proceedings. Only very substantial articles from the popular or trade press were included. English language articles from foreign journals were included as available.

The individual citations have the following structure (an example is shown at the right):

Identifier	AAL-83
Author	Aalders, J.C.H.
Title	"Towards Standards in Computer Security," <u>Proc. IFIP/Sec. '83</u> , Stockholm, 1983, (2: FAK-83),
Journal title (or publishing house)	pp. 5-13.
Date and page (or location and year)	
Key words (two or three)	Key Words: guidelines, policy.

Each citation is uniquely identified by the first letters of the principal author's last name (or the publishing organization's acronym, if no author is identified or listing by organization is more meaningful) and the last two digits of the year of publication. A lowercase letter following the year serves to distinguish otherwise identical citation identifiers.

Section numbers are used to distinguish identical citations identifiers from different sections and multiple citations from the same publication [e.g. (2: NBS-81) and (7: NBS-81)].

Appendix A contains a list of the periodicals from which citations in this bibliography have been taken. The list contains publisher and editor information where appropriate in order to assist the user of this bibliography to obtain more information about documents cited.

Appendix B contains a list of all the key words used in each of the 10 sections. This list will assist the reader who would like information on a topic that spans more than one section. As an example, information on viruses can be found in each of the first three sections (General, Management, and Foundations).

1. General

This section cites general, mostly nontechnical publications on computer threats and vulnerabilities (including the hacker and computer viruses), the need for computer security, and other aspects of computer security.

AAL-83

Aalders, J.C.H.
"Towards Standards in
Computer Security," Proc.
IFIP/Sec. '83, Stockholm,
1983, (2: FAK-83), pp. 5-13.

Key Words: guidelines,
policy.

AAL-85

Aalders, J.C.H.,
I.S. Herschberg, and
A. Van Zanten
Handbook for Information
Security, North-
Holland/Elsevier Science
Publishing Co., New York,
1985.

Key Words: book, general,
policy, guidelines, techniques.

ABA-84

Report on Crime, American
Bar Association, Section on
Criminal Justice, Washington,
DC, 1984.

Key Words: book, crime,
laws, policy.

AGR-83

Agranoff, M.H.
"Achieving Security
Awareness: Tips and
Techniques," Computer
Security Journal, Spring
1983, pp. 7-17.

Key Words: awareness,
guidelines.

ALA-86

Alagar, V.S.
"A Human Approach to the
Technological Challenges in
Data Security," Computers &
Security, December 1986, pp.
328-335.

Key Words: awareness,
policy.

ALL-85

Allen, R.J.
"Data Security: Problems and
Remedies," Today's Office,
April 1985, pp. 26-27.

Key Words: crime, threats,
general, techniques.

APR-81

Crime Investigation Manual,
Assets Protection Publishing,
Madison, WI, 1981

Key Words: book, crime.

ARD-85

Ardis, P.M., and
R.M. Johnson
"Electronic and Crime
Insurance in the US and UK,"
Computer Fraud & Security
Bulletin, August 1985, pp. 1-
6.

Key Words: crime, policy,
international.

ARN-83

Arnell, A.
"On-Site Hazards, Off-Site
Safety," Computerworld,
December 12, 1983, pp.
ID/13-24.

Key Words: threats, physical.

ASS-81

"An Atlas of Terrorism,"
Assets Protection, March/April
1981, pp. 26-36.

Key Words: crime, hackers.

ATK-85

Atkins, W.
"Jesse James at the Terminal,"
Harvard Business Review,
July/August 1985

Key Words: crime, hackers.

BAC-83

Backwith, N.
"Unique Approach to Security
Evaluation," Computers &
Security, January 1982, pp. 35-
40.

Key Words: guidelines, policy.

BAI-84

Bailey, D.
"Attacks on Computers:
Congressional Hearings and
Pending Legislation," Proc.
1984 IEEE Symp. on Sec. &
Privacy (5: IEE-84), pp. 180-
187.

Key Words: crime, hackers,
legislation.

BAI-87

Baird, B.J., L.L. Baird, and
R.P. Ranauro,
"The Moral Cracker?,"
Computers & Security,
December 1987, pp. 471-478.

Key Words: crime, hackers.

BAI-89

Bainbridge, D.I.
"Hacking -- The
Unauthorized Access of
Computer Systems: The
Legal Implications," Modern
Law Review, March 1989,
pp. 236-245.

Key Words: crime, hackers,
legislation.

BAK-85

Baker, R.H.
The Computer Security
Handbook, TAB Books, Inc.,
Blue Ridge Summit, PA,
1985

Key Words: book, general,
policy, guidelines, techniques.

BAL-82

Ball, L.D.
"Crime," Technology Review,
April 1982, pp. 21-30.

Key Words: crime, policy,
legislation.

BAL-88

Ball, M.
"To Catch a Thief," Security
Management, March 1988,
pp. 72-78.

Key Words: crime, hackers,
guidelines.

BAS-88

Baskerville, R.
Designing Information
Systems Security, Wiley &
Sons, Somerset, NJ, 1988

Key Words: book, guidelines,
policy, techniques, general.

BAU-84

Bauder, D.
"Electronic Funds Transfer
Security," Proc. 7th Seminar,
DoD Comp. Sec. Progr. (5:
DOD-84), 1984, pp. 188-194.

Key Words: vulnerabilities,
threats, policy, guidelines.

BEA-84

Beane, W.F., E.R. Hilton, and
B. Goldstein
"Computer Security: Who Is
in Charge?" Security World,
October 1984, pp. 42-46.

Key Words: general, policy.

BEC-80

Becker, J.
"Rifkin -- A Documentary
History," Computer/Laws
Journal, Summer 1980, pp.
472-720.

Key Words: crime.

BEC-83

Becker, L.G.
Computer Security: An
Overview of National
Concerns and Challenges,
Report No. 83-135 SPR,
Congressional Research
Service, U.S. Library of
Congress, Washington, DC,
February 3, 1983.

Key Words: crime, policy,
legislation.

BEC-83a

Becker, H.B.
Information Integrity,
McGraw-Hill, New York,
1983.

Key Words: book, guidelines,
policy, techniques.

BEC-85

Becker, L.G.
Computer Abuse and Misuse:
An Assessment of State and
Federal Legislative Incentives,
Institute for Defense Analysis,
Princeton, NJ, 1985.

Key Words: crime, policy,
legislation.

BEC-85a

Becker, L.G.
"Computer and Network
Security Policy: A Challenge
to Organizations," Proc.
IFIP/Sec. '85, Dublin, 1985,
(2: GRI-85), pp. 241-250.

Key Words: policy,
guidelines.

BEE-84

Beebe, C.A.
"Planning for Access Control,"
Security Management, January
1984, pp. 77+.

Key Words: guidelines, policy.

BEL-87

Belford, P., and J. Quann
"The Hack Attack Increasing
Computer System Awareness
of Vulnerability Threats,"
AIAA 87-3093, Proc. 3d
Aerosp. Comp. Sec. Conf. (5:
IEE-87b), 1987, pp. 155-157.

Key Words: awareness,
hackers, threats, vulnerabilities.

BEQ-83

Bequai, A.
How to Prevent Crime, J.
Wiley & Sons, New York,
1983.

Key Words: book, crime,
guidelines, techniques.

BEQ-83a

Bequai, A.
"What Can Be Done to Stem
The Rising Electronic Crime?,"
The Office, November 1983,
pp. 47-49.

Key Words: crime, policy,
guidelines.

BEQ-84

Bequai, A.
"Lack of Ethics as a Cause of
Crime," Computers and People,
May-June 1984, pp. 7-14.

Key Words: crime, ethics.

BER-82

Bernhard, R.
"Breaching System Security,"
IEEE Spectrum, June 1982,
pp. 24-31.

Key Words: threats, crime.

BIG-81

Bigelow, R.P. (Ed.)
Computers & the Laws,
 Commerce Clearing House,
 Chicago, 1981.

Key Words: book, crime,
 guidelines, laws.

BIG-81a

Bigelow, R.P.
 "The Queen vs. McLaughlin,
 or Why the Criminal
 Sometimes Goes Free,"
Computer Security Journal,
 Winter 1982, pp. 131-136.

Key Words: crime, laws.

BIG-81b

Bigelow, R.P.
 "The Security Officer's Role
 in Legal Protection of
 Software," Computer Security
 Journal, Winter 1982, pp. 99-
 107.

Key Words: guidelines,
 policy.

BLA-84

Blakney, S.
 "Crime," Computerworld,
 December 26, 1983, p. 57+.

Key Words: crime, threats.

BLA-88

Blatchford, C.
 "A Manufacturer's Approach
 to the Security of Computer
 Systems," Proc. IFIP/Sec.
 '88, Australia, 1989, (2:
 CAE-89), pp. 187-195.

Key Words: awareness,
 guidelines, policy, techniques.

BLO-80

Bloom, R.
 "Catching the Computer
 Crook," Infosystems, July
 1980, pp. 30-35.

Key Words: crime,
 guidelines.

BLO-82

BloomBecker, J.
 "International Crime: Where
 Terrorism and Transborder
 Data Flow Meet," Computers
 & Security, January 1982, pp.
 41-53.

Key Words: crime, hackers,
 international.

BLO-83

Blom, R., and J.-O. Bruer
 "Office Information Systems
 and Security," Proc. IFIP/Sec.
 '83, Stockholm, 1983, (2:
 FAK-83), pp. 107-110.

Key Words: guidelines,
 policy.

BLO-83a

Bloom, R.
 "Computers Don't Commit
 Crime, People Do," Data
 Management, July 1983, p.
 14.

Key Words: crime.

BLO-83b

BloomBecker, J.
 "Crime -- Corporate Council's
 View," Crime Digest, March
 1983, pp. 7-10.

Key Words: crime, laws.

BLO-83c

BloomBecker, J.
 "International Crime: A
 Growing Threat,"
Transnational Data Report,
 June 1983, pp. 219-230.

Key Words: crime, threats,
 international.

BLO-84

Bloombecker, J.
 "Introduction to Crime," Proc.
IFIP/Sec. '84, Toronto, 1984,
 (2: FIN-85), pp. 423-430.

Key Words: crime, general.

BLO-85

Bloombecker, J.
 "Computer Security for the
 People," Transnational Data
 Report, Oct./Nov. 1985, pp.
 367-370.

Key Words: awareness, ethics.

BLO-85a

Bloombecker, J.
Computer-Crime Laws
 Reporter, National Center for
 Computer-Crime Data,
 California State University,
 Los Angeles, CA, 1985.

Key Words: book, crime, laws.

BLO-85b

Bloombecker, J.J.
Introduction to Crime, National
 Center for Crime Data, Los
 Angeles, CA, September 1985.

Key Words: book, crime, laws.

BLO-86

Bloombecker, J.J.
Crime, Computer Security,
 Computer Ethics, National
 Center for Crime Data, Los
 Angeles, CA, February 1986.

Key Words: book, crime,
 ethics, policy.

BLO-86a

Bloombecker, J.J.
 "New Federal Laws Bolsters
 Computer Security Efforts,"
Computerworld, October 27,
 1986, p. 53-66.

Key Words: crime, laws.

BLO-86b

Bloombecker, J.J.
 "Lobbying for Protection,"
Computerworld, August 4,
 1986, pp. 55-62.

Key Words: crime, awareness.

BLO-86c

Bloombecker, J.J.
 "Defense of Crime Cases,"
American Jurisprudence Trials,
 Vol. 33, 1986, pp. 1-197.

Key Words: crime, laws.

- BLO-88
Bloombecker, J.J.
"Captain Midnight and the Space Hackers," Security Management, July 1988, pp. 76-82.

Key Words: crime, hackers.
- BLO-89
Bloombecker, J.J.
"Trends in Computer Abuse/Misuse," Proc. 12th Natl. Comp. Sec. Conf. (5: NCS-89), 1989, pp. 611-614.

Key Words: crime, threats, laws, guidelines.
- BLO-89a
Bloombecker, J.J. (Ed.)
Commitment to Security, National Center for Computer Crime Data, Santa Cruz, CA, 1989.

Key Words: book, crime, policy, general.
- BOL-81
Bologna, J.
"The 8-Factor Theory of White-Collar Crime Causation," Proc. Comp. Sec. & Priv. Symp., 1981 (1: HON-81), pp. 57-67.

Key Words: crime, threats, guidelines.
- BOL-81a
Bologna, J.
Crime: Wave of the Future, Assets Protection Publishing, Madison, WI, 1981.

Key Words: book, crime.
- BOL-81b
Bologna, J.
"MOMM's: A Taxonomy of Computer-Related Employee Theft," Assets Protection, May/June 1981, pp. 33-36.

Key Words: crime, threats.
- BOL-86
Bologna, J.
"Computer Related Crime: The Who, What, Where, When, Why and How, I," Data Processing & Communications Security, Winter 1986, pp. 19-23.

Key Words: crime, general.
- BOL-86a
Bologna, J.
"Computer Related Crime: The Who, What, Where, When, Why and How, II," Data Processing & Communications Security, Spring 1986, pp. 25-30.

Key Words: crime, general.
- BOR-85
Borking, J.J.
Third Party Protection of Software and Firmware, North-Holland Publishing Co. Amsterdam, 1985.

Key Words: book, software privacy.
- BOS-82
Bosworth, B.,
Codes, Ciphers and Computers: An Introduction to Information Security, Hayden Book Co., Rochelle Park, NJ, 1982.

Key Words: book, awareness, general.
- BOT-86
Bottom, N.R., Jr., et al.
"About the Security Degree: Are We Losing It (A Discussion)," Journal of Security Administration, June 1986, pp. 7-20.

Key Words: general, policy.
- BRE-86
Breton, T., and D. Beneich
Softwars, Holt, Rinehart, Winston, New York, 1986.

Key Words: book, awareness.
- BRO-83
Brown, R.A.
"Crime and Computers," Criminal Laws Journal, April 1983, pp. 68-89.

Key Words: crime, laws.
- BRO-83a
Browne, M.W.
"Locking Out The Hackers," Discover, November 1983, pp. 30-40.

Key Words: awareness, hackers, crime.
- BUI-84
Buikema, C., et al.
"Security Regulation: A State-by-State Update," Security Management, January 1984, pp. 39-48.

Key Words: crime, laws.
- BUM-84
Bump, M. Jr.
"A Primer on Software Piracy Cases in the Courts," Computers & Security, May 1984, pp. 123-134.

Key Words: awareness, laws, software piracy.
- BUR-88
Burger, R.
Computer Viruses: A High-Tech Disease, Abacus, Grand Rapids, MI, 1988.

Key Words: computer viruses, threats, general.
- BUS-81
"Computer-Crime -- The Spreading Danger to Business," Business Week, April 20, 1981, pp. 86-91.

Key Words: crime, threats, guidelines.

- BUS-84**
Buss, M.D.J., and
L.M. Salerno
"Common Sense and
Computer Security," Harvard
Business Review, March-
April 1984, pp. 112-121.

Key Words: awareness,
guidelines, policy, general.
- BUS-88**
"Is Your Computer Secure?,"
Business Week, August 1,
1988, pp. 64-70.

Key Words: awareness,
computer crime, policy.
- BYN-85**
Bynum, T.W. (Ed.)
"Computers & Ethics,"
Metaphilosophy, October
1985.

Key Words: book, ethics.
- CAE-89**
Caelli, W.J. (Ed.)
Computer Security in the
Age of Information,
Proceedings, IFIP/Sec '88,
Gold Coast, Queensland,
Australia, May 1988, North-
Holland/Elsevier,
Amsterdam/New York, 1989.

Key Words: proceedings,
general.
- CAL-83**
Calhoun, G.
"Deterring Crimes,"
Telephony, April 4, 1983, pp.
45+.

Key Words: crime, laws,
techniques.
- CAM-87**Campbell, M.
"Security and Privacy: Issues
of Professional Ethics," Proc.
10th Natl. Comp. Sec. Conf.
(5: NCS-87a), 1987, pp. 326-
333.

Key Words: awareness,
ethics.
- CAM-88**
Campbell, D.
"Computer Sites: Targets for
Destruction," Security
Management, July 1988, pp.
56-60.

Key Words: threats, physical.
- CAN-86**
Canning, R.
"Information Security and
Privacy," EDP Analyzer,
February 1986, pp. 1-16.

Key Words: awareness,
general.
- CAR-80**
Carroll, J.M.
"Ethics for the Computer
Age," Proc. Comp. Sec. &
Priv. Symp., 1980 (1: HON-
80), pp. 17-25.

Key Words: crime, ethics.
- CAR-81**
Carroll, J.M.
"Decriminalization of
Computer Crime," Proc.
Comp. Sec. & Priv. Symp.
1981 (1: HON-81), pp. 61-68.

Key Words: Crime, policy.
- CAT-86**
Cates, H.W.
"Crime Laws: A Review of
State Statutes," Data
Processing & Communications
Security, Spring 1986, pp. 19-
21.

Key Words: crime, laws.
- CHA-85**
Chamoux, J.P.
"Data Security and
Confidentiality in Europe,"
Computers & Security,
September 1985, pp. 207-210.

Key Words: crime, threats,
laws, international.
- CHO-84**
Choney, L.B.
"Software Escrow and the
Security Practitioner," Computer
Security Journal, Summer
1984, pp. 65-74.

Key Words: policy, guidelines.
- CJJ-88**
"Crime Statutes: Are They
Bridging the Gap Between
Laws and Technology?,"
Criminal Justice Journal,
Fall/Winter 1988, pp. 203-233.

Key Words: crime, laws.
- CLJ-80**
"Crime, Part 1,"
Computer/Laws Journal, Spring
1980.

Key Words: crime, laws.
- CLJ-80a**
"Crime, Part 2,"
Computer/Laws Journal,
Summer 1980.

Key Words: crime, laws.
- CLJ-83**
"Misappropriation of Computer
Services: The Need to Enforce
Civil Liability,"
Computer/Laws Journal, Fall
1983, pp. 401-420.

Key Words: crime, laws.
- CLY-89**
Clyde, R.
"Crime Investigation
Techniques," COM-SAC:
Computer Security, Auditing
and Control, No. 1, 1989, pp.
1-7.

Key Words: crime, techniques.
- COA-83**
Coates, J.F.
"The Future of Data Security:
Thoughts and Proposals,"
Computer Security Journal,
Spring 1983, pp. 77-84

Key Words: awareness, policy,
general.

COL-82

Colvin, B.D.
"Training Crime
Investigators," EDPACS,
March 1982, pp. 6-11.

Key Words: crime, policy,
guidelines.

COM-83

Crime Needs International
Countermeasures: Proceedings
of London Conference, June
1983, Elsevier International
Bulletins, Oxford, England,
1983.

Key Words: proceedings,
techniques, international,
policy.

CON-80

The Government
Classification of Private
Ideas, House Report No. 96-
1540, U.S. Congress,
Washington, DC, December
22, 1980.

Key Words: Congress, policy,
government.

CON-83

Computer Security in the
Federal Government and the
Private Sector, Hearings
before Subcommittee on
Oversight of Government
Management, Senate
Committee on Government
Operations, U.S. Congress,
Government Printing Office,
Washington, DC, 1983.

Key Words: Congress,
threats, laws, government.

CON-84

Computer and
Communications Security and
Privacy, Hearings,
Subcommittee on
Transportation, Aviation and
Materials, Committee on
Science and Technology,
House of Representatives,
Government Printing Office,
Washington, DC, 1984.

Key Words: Congress,
legislation.

CON-84a

S. 1920, Small Business
Computer Crime Act,
Hearings before the Senate
Committee on Small Business,
March 7, 1984, U.S.
Congress, Government
Printing Office, Washington,
DC, 1984.

Key Words: Congress,
legislation.

CON-84b

The Counterfeit Access
Device and Computer Security
Act of 1984, P.L. 98-473,
U.S. Congress, 1984.

Key Words: Congress,
legislation.

CON-85

Federal Government Computer
Security, Hearings before
Subcommittee on
Transportation, Aviation and
Materials of the Committee
on Science and Technology,
House of Representatives,
May 1985, U.S. Congress,
Government Printing Office,
Washington, DC, 1985.

Key Words: Congress,
government, policy, threats.

CON-85a

Computer Security Research
and Training Act of 1985,
Hearings before Subcommittee
on Legislation and National
Security of the Committee on
Government Operations,
House of Representatives,
U.S. Congress, Government
Printing Office, Washington,
DC, 1985.

Key Words: Congress, policy.

CON-86

Computer Fraud and Abuse
Act of 1986: Report on
S.2201, Senate Committee on
the Judiciary, U.S. Congress,
Government Printing Office,
Washington, DC, September
3, 1986.

Key Words: Congress,
legislation.

CON-86a

Computer Fraud and Abuse
Act of 1986, Public Laws 99-
474, U.S. Congress,
Washington, DC, October 16,
1986.

Key Words: Congress,
legislation.

CON-87

Computer Security Act of
1987, Hearings Before
Subcommittee on
Transportation, Aviation and
Materials of the Committee on
Science and Technology,
House of Representatives, U.S.
Congress, Government
Printing Office, Washington,
DC, 1987.

Key Words: Congress,
legislation.

CON-87a

Computer Security Act of
1987, Hearings before
Subcommittee on Legislation
and National Security of the
Committee on Government
Operations, House of
Representatives, U.S.
Congress, Government
Printing Office, Washington,
DC, 1987.

Key Words: Congress,
legislation.

CON-87b

Computer Security Act of
1987, Report No. 100-153,
Part 1, of the Committee on
Science, Space and
Technology, House of
Representatives, U.S.
Congress, Government
Printing Office, Washington,
DC, June 11, 1987.

Key Words: Congress,
legislation.

CON-87c

Computer Security Act of 1987, Report No. 100-153, Part 2, of the Committee on Government Operations, House of Representatives, U.S. Congress, Government Printing Office, Washington, DC, June 11, 1987.

Key Words: Congress, legislation.

CON-89

Implementation of the Computer Security Act, Hearings before Subcommittee on Transportation, Aviation and Materials of the Committee on Science and Technology, House of Representatives on September 22, 1988, U.S. Congress, Government Printing Office, Washington, DC, 1989.

Key Words: Congress, policy, laws.

COO-84

Cooper, C.
"The Real Cost of Software Piracy," Information Age (UK), April 1984, pp. 98-102.

Key Words: software piracy.

COO-89

Cook, W.J.
"Access to the Access Codes '88-'89: A Prosecutor's Prospective," Proc. 12th National Comp. Sec. Conf. (5: NCS-89), 1989, pp. 619-623.

Key Words: hacking, policy, laws.

COR-87

Comwall, H.
Computer Fraud, Industrial Espionage, & Information Crime, Heinemann Professional Publishing, London, 1987.

Key Words: book, crime.

COT-84

Cottrell, P., and B.D. Weiss
"Third-Party Liability Insurance: Protection in Case of Computer Error," Computerworld, April 2, 1984, pp. ID1-ID7.

Key Words: policy, laws.

COU-81

Courtney, R.H., Jr.
"The Democratization of White Collar Crime," Computer Security Journal, Spring 1981, pp. 39-44.

Key Words: crime, laws, awareness.

COU-84

Courtney, R.H., Jr.
"Computer Security Goals of the DoD--Another Opinion," Computer Security Journal, Summer 1984, pp. 60-62.

Key Words: policy, government.

COU-84a

Courtney, R.J., Jr.
"Computer Security: The Menace is Human Error," The Office, March 1984, pp. 119.

Key Words: threats, policy.

COU-87

Courtney, R.H., Jr.
"Computer Data Security: A Leadership Vacuum," Computer Security Journal, Vol. IV, No. 2, 1987, pp. 7-16.

Key Words: awareness, policy.

COU-89a

Courtney, R.H. Jr.
"Proper Assignment of Responsibility for Data Security," Security Management, March 1989, pp. 83-86.

Key Words: policy, guidelines.

CSC-88

Glossary of Computer Security Terms, NCSC-TG-004, National Computer Security Center, Ft. Meade, MD, 21 October 1988.

Key Words: guidelines, government.

CSI-83

"Making the Case for Computer Security," Special Section by Computer Security Institute, Datamation, September 1983.

Key Words: awareness, general, policy, guidelines.

CSI-84

"Computer Security: Issues and Answers," Special Section by Computer Security Institute, Datamation, September 1, 1984.

Key Words: awareness, general, policy, guidelines.

CSI-85

"Computer Security: Issues and Answers," Special Section by Computer Security Institute, Datamation, September 15, 1985.

Key Words: awareness, general, policy, guidelines.

CSI-86

"Computer Security: Issues and Responsibilities," Special Section by Computer Security Institute, Datamation, October 1, 1986.

Key Words: awareness, general, policy, guidelines.

CSI-89

"Computer Security: Issues and Trends," Special Section by Computer Security Institute, Datamation, September 15, 1989.

Key Words: awareness, general, policy, guidelines.

- CWO-83
"Crime in Japan,"
Computerworld, November 7,
1983, pp. ID/7-20.
- Key Words: crime,
international.
- CWO-84
"Protecting the Corporate
Information Resource: Special
Report," Computerworld,
October 29, 1984, pp. SR/1-
32.
- Key Words: policy,
guidelines.
- CWO-85
"System Security: Protecting
Corporate Information
Assets," Computerworld,
November 25, 1985, p. 55ff.
- Key Words: policy,
guidelines.
- DAV-85
Davis, G.F.G. III
Software Protection: Practical
and Legal Steps to Protect
and Market Computer
Programs, Van Nostrand
Reinhold, New York, 1985.
- Key Words: book, software
piracy, general, laws.
- DEA-83
DeAnnuntis, G.
A Bibliography of Computer
Security Bibliographies, GPD
Press, Wheaton, MD,
February 1983.
- Key Words: awareness,
general.
- DEL-88
Computer Viruses, Deloitte,
Haskins & Sells, New York,
October 1988.
- Key Words: book, computer
viruses, guidelines,
techniques.
- DEM-83
DeMaio, H.B.
"Computer Security and the
End User," Proc. IFIP/Sec.
'83, Stockholm, 1983, (2:
FAK-83), pp. 1-4.
- Key Words: awareness,
policy.
- DEM-88
DeMaio, H.B.
"Information Ethics -- It
Doesn't Come Naturally,"
Computer Security Journal,
Vol. V, No. 1, 1988, pp. 7-
19.
- Key Words: awareness, ethics.
- DEM-89
DeMaio, H.B.
"Viruses -- A Management
Issue," Computers & Security,
August 1989, pp. 381-388.
- Key Words: computer viruses,
policy.
- DEM-89a
DeMaio, H.B.
"Information Ethics, A
Practical Approach," Proc.
12th Natl. Comp. Sec. Conf.
(5: NCS-89), 1989, pp. 630-
633.
- Key Words: awareness, ethics,
policy.
- DEN-87
Denning, D.E.,
P.G. Neumann, and
D.B. Parker
"Social Aspects of Computer
Security," Proc. 10th Natl.
Comp. Sec. Conf. (5: NCS-
87a), 1987, pp. 320-325.
- Key Words: awareness,
general.
- DEN-88
Denning, P.J.
"Computer Viruses," American
Scientist, May/June 1988, pp.
236-238.
- Key Words: computer viruses,
guidelines.
- DEN-89
Denning, P.J.
"The Internet Worm,"
American Scientist,
March/April 1989, pp. 126-
128.
- Key Words: threats, hackers,
computer viruses.
- DER-88
Derosier, J.
"Computer Security at Digital,"
Proc. IFIP/Sec. '88, Australia,
1989, (2: CAE-89), pp. 163-
165.
- Key Words: awareness,
general.
- DEW-84
Dewdney, A.K.
"A Core War Bestiary of
Viruses, Worms, and Other
Threats to Computer
Memories," Scientific
American, June 1984, pp. 14-
23.
- Key Words: computer viruses,
general.
- DEW-89
Dewdney, A.K.
"Of Worms, Viruses and Core
Wars," Scientific American,
March 1989, pp. 110-113.
- Key Words: computer viruses.
- DMA-83
"Data Security, Special Issue,"
Data Management, July 1983.
- Key Words: general,
guidelines, techniques.
- DOJ-80
Crime: Legislative Resource
Manual, Bureau of Justice
Statistics, U.S. Department of
Justice, Washington, DC, 1980.
- Key Words: crime,
government, guidelines, laws.

DOJ-80a

Crime: Expert Witness Manual, Bureau of Justice Statistics, U.S. Department of Justice, Washington, DC, 1980.

Key Words: crime, guidelines, government, laws.

DOJ-82

Crime: Electronic Funds Transfer Systems and Crime, U.S. Department of Justice, Bureau of Justice Statistics, Washington, DC, 1982.

Key Words: crime, government, laws, guidelines.

DOJ-82a

Crime: Computer Security Techniques, U.S. Department of Justice, Bureau of Justice Statistics, Washington, DC, 1982.

Key Words: crime, laws, techniques.

EIS-89

Eisenberg, T., et al.
"The Cornell Commission: On Morris and the Worm," Communications of the ACM, June 1989, pp. 706-709.

Key Words: hackers, laws, computer viruses.

EKE-85

Ekebrink, I.
"Security of Electronic Transactions," Proc. IFIP/Sec. '85, Dublin, 1985, (2: GRI-85), pp. 233-239.

Key Words: general, threats, guidelines.

ELB-89

El-Haghdadi, M., and M.P. Singh
"The Pivotal Role of Computer Security," Security Management, July 1989, pp. 63.

Key Words: awareness, general.

ELM-88

Elmer-DeWitt, P.
"Invasion of the Data Snatchers," Time, September 28, 1988, pp. 62-67.

Key Words: hackers, threats.

ELO-88

Eloff, J.H.P.
"Computer Security Policy: Important Issues," Computers & Security, December 1988, pp. 559-562.

Key Words: awareness, policy.

EMM-84

Emmet, A.
"Thwarting the Data Thief," Personal Computing, January 1984, pp. 98-105.

Key Words: hackers, threats.

EPN-85

Epner, S.A.
"Computer Security: Plenty of Questions But No Easy Answers," The Office, March 1985, pp. 74-76.

Key Words: awareness, policy.

EPP-80

Epperly, E.V.
"Trends in DoD Directives: Survey of Federal Computer Security Policies," Proceedings, U.S. Army 3d Automation Security Conference, Williamsburg, VA, December 1980, International Business Services, Inc., pp. 31-44.

Key Words: policy, government.

ERI-83

Eriksson, A.
"Vulnerability in a Computerized Society," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 27-30.

Key Words: awareness, threats.

ERM-89

Erman, M.D., M.B. Williams, and C. Gutierrez
Computer Ethics and Society, Oxford University Press, New York, 1989.

Key Words: ethics, policy.

EWI-88

Ewing, D.
"Meeting Data Security Needs," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 291-302.

Key Words: awareness, policy.

FAK-88

Fak, V.
"Are We Vulnerable to Virus Attack," Computers & Security, April 1988, pp. 151-155.

Key Words: computer viruses, threats.

FAU-81

Faurer, L.D.
"Keeping the Secrets Secret," Government Data Systems, Nov./Dec. 1981, pp. 14-17.

Key Words: awareness, policy, government, guidelines.

FAU-83

Faurer, L.D.
"Information Protection in Federal and Private Sectors," Computer Security Journal, Fall/Winter 1983, pp. 89-95.

Key Words: policy, government.

FAU-84

Faurer, L.D.
"Computer Security Goals of the Department of Defense," Computer Security Journal, Summer 1984, pp. 54-59.

Key Words: policy, government.

FEN-88

Fennelly, L.J.
Handbook of Loss Prevention
and Crime Prevention
Butterworth Publishers,
Stoneham, MA, 1988.

Key Words: general,
guidelines, techniques.

FIF-89

Fifield, K.J.
"Smartcards Outsmart
Computer Crime," Computers
& Security, May 1989, pp.
247-255.

Key Words: crime,
techniques.

FIT-84

Fitzgerald, K.J.
"Crime in Australia,"
EDPACS, August 1984, pp.
1-7.

Key Words: crime, general,
international.

FIT-86

Fitzgerald, K.J.
"Security in the Automated
Office," Computer Control
Quarterly, Summer 1986, pp.
21-24.

Key Words: policy,
guidelines.

FIT-89

Fites, P., P. Johnson and
M. Kratz
The Computer Virus Crisis,
Van Nostrand Reinhold Co.,
New York, 1989

Key Words: book, threats,
computer viruses.

FOR-82

Fordyce, S.
"Computer Security: A
Current Assessment,"
Computers & Security,
January 1982, pp. 9-16.

Key Words: awareness,
general.

FOR-89

Forcht, K.A.
"Ethical Use of Computers,"
Proc. 12th Natl. Comp. Sec.
Conf. (5: NCS-89), 1989, pp.
624-626.

Key Words: awareness, ethics.

FRE-84

Freed, R.N.
"Security Interests in the
Computer Age: Practical
Advice to the Secured
Lender," Banking Laws
Journal, July/Aug. 1984, pp.
404-429.

Key Words: awareness,
guidelines.

FRE-84a

Freese, J.
"What About Your Legal
Parachute When Your Data
Security Crashes?," Proc.
IFIP/Sec. '84, Toronto, 1984,
(2: FIN-85), pp. 23-28.

Key Words: awareness, laws.

FUL-84

"Computer Abuse: The
Emerging Crime and Need for
Legislation," Fordham Urban
Laws Journal, 1983/84, pp.
73-101.

Key Words: crime, laws.

GAO-82

Federal Information Systems
Remain Highly Vulnerable to
Fraudulent, Wasteful, Abusive
and Illegal Practices, MSAD-
82-50, U.S. General
Accounting Office,
Washington, DC, 21 April
1982.

Key Words: crime, threats,
government, general.

GAR-89

Gardner, P.E.
"The Internet Worm: What
Was Said and When,"
Computers & Security, June
1989, pp. 291-296.

Key Words: computer viruses.

GEM-80

Gemignani, M.
"Crime: Laws in the '80,"
Indiana Laws Review, April
1980, pp. 681-723.

Key Words: crime, laws.

GEM-81

Gemignani, M.C.
Laws and the Computer, CBI
Publishing, Boston, 1981.

Key Words: crime, laws.

GEM-89

Gemignani, M.
"Viruses and Criminal Laws,"
Communications of the ACM,
June 1988, pp. 669-671.

Key Words: computer viruses,
threats, laws.

GLR-83

"Larceny Enters the Electronic
Age: The Problem of
Detecting and Preventing
Crimes," Gonzaga Laws
Review, 1982/83, pp. 517-538.

Key Words: crime, laws.

GOL-81 Goldstein, B.

A Pocket Guide to Computer
Crime Investigation, Assets
Protection Publishing, Madison,
WI, 1981.

Key Words: crime, laws.

GOL-83

Goldstein, B.
"Crime and Its Prevention,"
Computers & Security, January
1983, pp. 63-66.

Key Words: crime, laws,
guidelines, policy.

GON-83

Gonzales, P.
"Addressing Crime
Legislation," Computer/Laws
Journal, Summer 1983, pp.
195-206.

Key Words: crime, laws.

GOS-85

Gosler, J.R.
"Software Protection: Myth or Reality," Proc. Crypto '85, Santa Barbara, 1985, (9: WIL-86), pp. 140-157.

Key Words: software piracy.

GOU-85

Goussy, A.R.
"Legal Issues in Proprietary Security," Journal of Security Administ., December 1985, pp. 23-29.

Key Words: policy, laws.

GRA-84

Graham, R.L.
"The Legal Protection of Computer Software," Communications of the ACM, May 1984, pp. 422-426.

Key Words: software piracy.

GRE-82

Greenlee, M.B.
"Financial (Banking) View of Computer Security," Proc. 5th Seminar, DoD Comp. Sec. Progr. (5: DOD-82), 1982, pp. 167-176.

Key Words: awareness, policy.

GRE-84

Greguras, F.M.
"Technical and Other Practical Software Protection Measures," TeleSystems Journal, March/April 1984, pp. 28-32.

Key Words: policy, techniques.

GRE-84a

Greguras, F.M.
"Software Protection: Beyond Copyright," Computerworld, Dec. 12, 1983, pp. ID25-ID32.

Key Words: software piracy.

GUY-81

Guynes, S.
"Software Security: Legal Aspects and Traditional Considerations," Journal of Systems Management, April 1981, pp. 34-38.

Key Words: awareness, laws.

GUY-83

Guynes, V.
"EFTS Impact on Computer Security," Computers & Security, January 1983, pp. 73-77.

Key Words: awareness, policy.

HAF-88

Hafner, K.M., et al.
"Is Your Computer Secure," Business Week, August 1, 1988, pp. 64-72.

Key Words: awareness, general.

HAM-84

Hammond, R.G.
"Theft of Information," The Laws Quarterly Review, April 1984, pp. 252-264.

Key Words: crime, laws, threats.

HAN-89

Hankinson, A.L.
"Computer Assurance: Security, Safety and Economics," Proc. COMPASS '89: Comp. Assurance (2: IEE-89), 1989, pp. 1-7.

Key Words: general, guidelines.

HAR-82

Harris, B.
"Data Security: Plan for the Worst," Infosystems, June 1982, pp. 52-58.

Key Words: awareness, general, policy.

HAR-83

Hartson, D.R.
"Teaching Protection in Computing: A Research-Oriented Graduate Course," Computers & Security, November 1983, pp. 248-255.

Key Words: awareness, general.

HAR-83a

Harari, A.
"Education and Training of Computer Security Staff: Methodology and Course Topics," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 287-292.

Key Words: awareness, general.

HAR-85

Harry, M.
"The Computer Underground," Loompanics Unlimited, Port Townsend, WA, 1985.

Key Words: book, hackers, threats.

HEL-88

Helfant, R., and G.J. McLoughlin
"Computer Viruses: Technical Overview and Policy Considerations," CRS Report to the Congress, No. 88-556 SPR, Congressional Research Service, Washington, DC, December 15, 1988.

Key Words: computer viruses, policy.

HEL-89

Helsing, C., M. Swanson, and M.A. Todd
"Executive Guide to the Protection of Information Resources," SP 500-169, National Institute of Standards and Technology, Gaithersburg, MD, October 1989.

Key Words: guidelines, policy, government.

HEL-89a

Helsing, C., M. Swanson,
and M.A. Todd
Management Guide to the
Protection of Information
Resources, SP 500-170,
National Institute of
Standards and Technology,
Gaithersburg, MD, October
1989.

Key Words: guidelines,
policy.

HEL-89b

Helsing, C., M. Swanson,
and M.A. Todd
Computer User's Guide to
the Protection of Information
Resources, SP 500-171,
National Institute of
Standards and Technology,
Gaithersburg, MD, October
1989.

Key Words: guidelines,
techniques.

HER-84

Herschberg, I.S., and
R. Paans
"The Programmer's Threat:
Cases and Causes," Proc.
IFIP/Sec. '84, Toronto, 1984,
(2: FIN-85), pp. 409-422.

Key Words: threats, crime.

HER-87

Herschberg, I.S.
"Hackers' Comfort,"
Computers & Security, April
1987, pp. 133-138.

Key Words: crime, hackers.

HER-88

Herschberg, I.S.
"Make the Tigers Hunt for
You," Computers & Security,
April 1988, pp. 197-203.

Key Words: crime, hackers.

HHS-83

Computer Related Fraud and
Abuse in Government
Agencies, Office of the
Inspector General, U.S. Dept.
of Health and Human
Services, Washington, DC,
1983.

Key Words: crime,
government, threats.

HIG-89

Higgins, J.C.
"Information Security as a
Topic for Undergraduate
Education for Computer
Scientists," Proc. 12th Natl.
Comp. Sec. Conf. (5: NCS-
89), 1989, pp. 553-557.

Key Words: awareness,
guidelines.

HIG-89a

Highland, H.J.
"What If a Computer Virus
Strikes," EDPACS, July 1989,
pp. 11-17.

Key Words: computer viruses,
threats.

HJL-84

"Legislative Issues in Crime,"
Harvard Journal on
Legislation, Winter 1984, pp.
239-254.

Key Words: crime, legislation.

HOF-82

Hoffman, L.J.
"Impacts of Information
System Vulnerabilities on
Society," Proceedings, 1982
National Computer
Conference, AFIPS Press,
Reston, VA, 1982, pp. 461-
467.

Key Words: awareness,
threats.

HOF-86

Hoffman, K.J., and
L.M. Moran
"Societal Vulnerability to
Computer System Failures,"
Computers & Security,
September 1986, pp. 211-217.

Key Words: awareness, threats,
vulnerabilities

HOL-80

Holman, W.D.
"Remedies Available to
Victims of Crimes," Proc.
Comp. Sec. & Priv. Symp.,
1980 (1: HON-80), pp. 77-86.

Key Words: crime, policy.

HON-80

Computer Security and Privacy
Symposium Proceedings,
Honeywell Information
Systems, Phoenix, AZ, April
1980.

Key Words: proceedings,
general.

HON-81

Computer Security and Privacy
Symposium Proceedings,
Honeywell Information
Systems, Phoenix, AZ, April
1981

Key Words: proceedings,
general.

HOR-85

Horgan, J.
"Thwarting the Information
Thieves," IEEE Spectrum, July
1985, pp. 30-41.

Key Words: crime, threats,
laws.

HOW-82

Howe, C.L.
"Coping with Computer
Criminals," Datamation,
January 1982, pp. 118-126.

Key Words: crime, laws,
guidelines.

- HUB-86
Huband, F.L., and
R.D. Shelton
Protection of Computer
Systems and Software, Laws
& Business, Inc., Clifton, NJ,
1986.

Key Words: book, general,
policy, guidelines, techniques.
- HUN-87
Hunt, D.B., and
F.G. Tompkins
"Protecting Sensitive Systems
and Data in an Open
Agency," AIAA 97-3092,
Proc. 3d Aerospace Comp.
Sec. Conf. (5: IEE-87b),
1987, pp. 158ff.

Key Words: policy,
guidelines.
- IBM-83
Report on the Data Security
Leaders' Conference, San
Jose, CA, April 1982, IBM
Corp., White Plains, NY,
1983.

Key Words: proceedings,
general, guidelines,
techniques.
- IBM-86
Security, Auditability,
Systems Control Publications
Bibliography, G320-9279-1,
IBM Corp., White Plains,
NY, May 1986.

Key Words: awareness,
general.
- ING-80
Ingraham, D.G.
"On Charging Crime,"
Computer/Laws Journal,
Spring 1980, pp. 429-456.

Key Words: crime, laws,
guidelines.
- IRM-84
"Information Security and
Data Integrity. Special Issue,"
Information Resource
Management, (UK), March
1984.

Key Words: awareness,
general.
- ISR-87
Israel, H.
"Computer Viruses: Myth or
Reality?", Proc. 10th Natl.
Comp. Sec. Conf. (5: NCS-
87a), 1987, pp. 226-230.

Key Words: computer viruses,
threats, awareness, guidelines.
- JAC-80
Jacks, E.L.
"Computer Security Interest in
the Private Sector," Proc. 2nd
Seminar, DoD Comp. Sec.
Progr. (5: DOD-80a), 1980,
pp. E1-E10.

Key Words: awareness,
policy.
- JAS-83
Jaslow, M.D.
"How to Fight Computer
Fraud," EDPACS, July 1983,
pp. 6-9.

Key Words: crime, policy,
guidelines.
- JOH-85
Johnson, D.G.
Computer Ethics, Prentice-
Hall, Englewood Cliffs, NJ,
1985

Key Words: awareness, ethics.
- JON-88
Jones, L.G.
"Computer Viruses: Threat or
Media Hype?," The EDP
Auditor Journal, Vol. 3, 1988.

Key Words: computer viruses,
awareness, threats.
- KAN-89
Kane, P.
V.I.R.U.S.: Vital Information
Resources Under Siege,
Bantam Books, New York,
1989.

Key Words: virus, threats,
awareness, guidelines.
- KAP-84
Kaperonis, I.
"Industrial Espionage,"
Computers & Security, May
1984, pp. 117-122.

Key Words: awareness, threats,
guidelines, techniques.
- KAY-86
Kay, R.
"Computer Security
Information Sources,"
Computer Security Journal,
Vol. 4, No. 1, 1986, pp. 29-
40.

Key Words: awareness,
general.
- KAY-86a
Kay, R. (Ed.)
"Data Security Scoreboard,"
Computer Security Journal,
Vol. 4, No. 1, 1986, pp. 41-
54.

Key Words: awareness,
general.
- KEL-88
Kelley, D.W.
"A Guide to Cost-Effective PC
Security," Security
Management, October 1988,
pp. 55-58.

Key Words: guidelines, policy,
PC.

KEN-85

Kenny, J.J.P.
Data Privacy and Security,
Pergamon Infotech, Oxford,
1985.

Key Words: book, general,
policy, guidelines, techniques.

KIR-81

Kirchner, J.
"Vulnerability: Will the U.S.
Confront Its Systems'
Flaws?," Computerworld,
December 28, 1981, pp. 36-
32.

Key Words: vulnerabilities,
awareness, threats.

KIR-83

Kirby, M.D.
"Computer Crime and Law
Reform in Australia,"
Information Age (UK),
October 1983, pp. 241-247.

Key Words: crime, laws,
policy, international.

KLI-80

Kling, R.
"Computer Abuse and
Computer Crime as
Organizational Activities,"
Computer/Law Journal,
Spring 1980, pp. 403-427.

Key Words: crime, threats,
policy.

KNA-83

Knapp, T.J.
"Selling Data Security to
Upper Management," Data
Management, July 1983, pp.
22-25.

Key Words: policy,
guidelines.

KRA-88

Kratz, M.
"Computer Crime Legislation
in Canada" Proc. IFIP/Sec.
'88, Australia, 1989, (2:
CAE-89), pp. 101-118.

Key Words: crime,
international, legislation.

KRA-88a

Kratz, M.
"Industrial Espionage and
Theft of Information," Proc.
IFIP/Sec. '88, Australia, 1989,
(2: CAE-89), pp. 279-289.

Key Words: crime, threats,
laws.

KRI-80

Krieger, M.M.
"Current and Proposed
Computer Crime Legislation,"
Computer/Law Journal,
Summer 1980, pp. 721-771.

Key Words: crime, threats,
laws.

KRU-86

Krull, A.
"Ten Losing Strategies for
Data Security," Computer
Security Journal, Vol. 4, No.
1, 1986, pp. 21-28.

Key Words: awareness,
general, policy, guidelines.

KUO-87

Kuong, J.F.
"Computer Disasters and
Corporate Amnesia and
Corporate Paralysis," CPR-J:
Contingency Planning &
Recovery Journal, No. 4,
1987, pp. 1-4.

Key Words: Awareness,
threats, vulnerabilities, policy.

KUO-88

Kuong, J.F.
"Computer Viruses -- Are
They a Threat to Business
Continuity?," CPR-J:
Contingency Planning &
Recovery Journal, No 2, 1988,
pp. 5-7.

Key Words: viruses, threats,
awareness, policy.

KUR-82

Kurzban, S.A.
"A Selective, Slightly
Annotated Bibliography on
Works on Data Security and
Privacy," Computers &
Security, January 1982, pp. 57-
64.

Key Words: awareness,
general.

KUR-86

Kurzban, S.A.
"Careers in Computer Misuse -
- Not So Appealing After All,"
Computers & Society, Winter
1986, pp. 7-9.

Key Words: general, crime,
threats.

LAN-85

Landreth, B.
(with H. Rheingold)
Out of the Inner Circle,
Microsoft Press, Bellevue,
WA, 1985

Key Words: book, hackers,
general, vulnerabilities.

LAS-81

Lasden, M.
"Computer Crime," Computer
Decisions, June 1981, pp. 104-
124.

Key Words: awareness, crime,
threats, general.

LAU-88

Laureson, A.
"Keeping Your PCs Where
They Belong," Security
Management, July, 1988, pp.
53-55.

Key Words: guidelines, PC,
policy.

LEE-86

Lee, J.A.N., G. Segal, and
R. Steier
"Positive Alternatives: A
Report on an ACM Panel on
Hacking," Communications of
the ACM, April 1986, pp.
297-299.

Key Words: hackers, general,
policy.

LEH-82

Lehman, R.L.
"Tracking Potential Security Violations," Security Audit & Control Review, Winter 1981/82, pp. 26-39.

Key Words: policy, guidelines.

LOB-81

Lobel, J.
"The Foreign Corrupt Practices Act Applied to Information Systems," Proc. Comp. Sec. & Priv. Symposium, Phoenix, AZ, 1981 (1: HON-81), pp. 69-78.

Key Words: legislation, policy.

LOB-83

Lobel, J.
"The State-of-the-Art In Computer Security," Computers & Security, November 1983, pp. 218-222.

Key Words: awareness, techniques.

LOB-86

Lobel, J.
"Impact of Technology on Computer Security," Information Age, (U.K.) April 1986, pp. 77-80.

Key Words: general, techniques.

LON-87

Longley, D., and M. Shain
Data & Computer Security: Dictionary of Standards and Terms, Stockton Press, New York, 1987

Key Words: book, guidelines, laws, general, policy.

LOU-84

Louwerse, C.P., and J.M.L. Kouwenberg•
"Data Protection Aspects in an Integrated Hospital Information System," Computers & Security, November 1984, pp. 286-294.

Key Words: general, guidelines, policy, techniques.

LYN-83

Lyndon, K.
"A New Policy in Protection - Computer Crime Insured," Security World, January 1983, pp. 38-40.

Key Words: general, policy.

MAD-88

Madsen, C.
"The World Meganetwork and Terrorism," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 343-349.

Key Words: awareness, policy, threats, international.

MAN-84

Mantle, R.A.
"Trade Secret and Copyright Protection of Computer Software," Computer/Law Journal, Spring 1984, pp. 669-694.

Key Words: software piracy, laws.

MAR-83

Marbach, W.D., et al.
"Beware: Hackers at Play," Newsweek, Sept. 5, 1983, p. 5+.

Key Words: awareness, hackers, crime, threats.

MAR-84

Martin, W.P.
"Arresting Computer Crime," Interface Age, (U.K.) February 1984, pp. 71-75

Key Words: crime, laws, threats, guidelines.

MAR-88

Marx, P.
"The Legal Risks of Using Information as a Competitive Weapon," Software Law Journal, Spring 1988, pp. 185-201.

Key Words: awareness, general, policy, laws.

MAX-85

Maxfield, J.F.
"Computer Bulletin Boards and the Hacker Problem," EDPACS, October 1985, pp. 1-11.

Key Words: hackers, threats.

MAY-85

Mayo, K.
"Business Battles In-House Pirates," Business Computer Systems, February 1985, pp. 60-65.

Key Words: software piracy.

MCA-89

McAfee, J., and C. Haynes
Computer Viruses, Worms, Data Diddlers, Killer Programs, and Other Threats to Your System, St. Martin's Press, New York, 1989.

Key Words: book, viruses, threats, vulnerabilities.

MCA-89a

McAfee, J.D.
"Managing the Virus Threat," Computerworld, February 13, 1989, pp. 89-96.

Key Words: viruses, threats.

MCI-81

McIsaac, D.
"Introduction to Computers: Security Problems and Considerations," Assets Protection, November/December 1981, pp. 13-22.

Key Words: awareness, general, threats, policy.

- MCL-88
McLeod, K.
"Computer Insecurity,"
Information Age, (U.K.),
April 1988, pp. 89-93.
- Key Words: awareness,
general, crime, threats.
- MIL-85
Millard, C.J.
Legal Protection of Computer
Programs and Data, Carswell
Co., Ltd, Toronto, 1985.
- Key Words: software piracy,
laws.
- MIS-85
Miskiewicz, J.
"DP Security: A Delicate
Balance," Computer
Decisions, April 23, 1985,
pp. 104ff.
- Key Words: awareness,
general, policy.
- MOS-88
Mosaccio, J.
"Computer Sites: Assessing
the Threat," Security
Management, July 1988, pp.
40-51.
- Key Words: vulnerabilities,
threats, general.
- MOU-81
Moulton, R.T.
"System Security Standards,"
Computer Security Journal,
Spring 1981, pp. 73-82.
- Key Words: general,
guidelines.
- MOU-81a
Moulton, R.T.
"Prevention: Better Than
Protection," Government Data
Systems, Nov./Dec. 1981, pp.
20-23.
- Key Words: awareness,
general, guidelines, policy.
- MOU-82
Moulton, R.T.
"A Strategy for Dealing with
Computer Fraud and Abuse,"
Computer Security Journal,
Winter 1982, pp. 31-40.
- Key Words: crime, threats,
policy, guidelines.
- MUR-86
Murphy, I.
"Aspects of Hacker Crime:
High-Technology Tomfoolery
or Theft?," Information Age,
(U.K.) April 1986, pp. 69-73.
- Key Words: crime, policy,
laws, hackers, threats.
- MUR-86a
Murray, W.H.
"Security Concepts and the
New Computer Economics,"
Computer Security Journal,
Vol. 4, No. 1, 1986, pp. 7-14.
- Key Words: general, policy.
- MYE-83
Myers, J.
"Fraud and Computers," New
Law Journal, January 21,
1983, pp. 71-72.
- Key Words: crime, threats,
laws.
- NAF-80
Naftalis, G.P.
White Collar Crimes,
American Law Institute and
American Bar Association,
Philadelphia, PA, 1980.
- Key Words: book, crime,
general.
- NBS-80
Guidelines for Security of
Computer Applications, FIPS
PUB 73, National Bureau of
Standards, Gaithersburg, MD,
June 1980.
- Key Words: general,
guidelines, techniques, policy.
- NEU-86
Neugent, W.
"Preposterous Opinions About
Computer Security," Security,
Audit & Control Review,
Summer 1986, pp. 1-8.
- Key Words: awareness,
general.
- NOR-83
Norman, A.R.D.
Computer Insecurity, Chapman
and Hall, London, 1983.
- Key Words: book, awareness,
general, threats.
- NOR-84
Norman, A.
"Crime by Computer,"
Information Resources
Management (UK), March
1984, pp. 18-21.
- Key Words: crime, threats,
general, policy.
- NYE-81
Nye, J.M.
"A Primer on Security, Part
1," Mini-Micro Systems, June
1981, pp. 139-148.
- Key Words: awareness,
general.
- NYE-81a
Nye, J.M.
"A Primer on Security, Part
2," Mini-Micro Systems, July
1981, pp. 166-174.
- Key Words: awareness,
general.
- OLI-85
Oliver, C.R.
"A Psychological Approach to
Preventing Computer Abuse --
A Case History," Computer
Security Journal, Winter 1985,
pp. 51-56.
- Key Words: crime, threats,
laws, guidelines, policy.

- OMB-85
Management of Federal Information Resources, OMB Circular No. A-130, Office of Management and Budget, Washington, DC, December 1985.
- Key Words: government, policy.
- OTA-81
Computer-Based National Information Systems: Technology and Public Policy Issues, Office of Technology Assessment, Washington, DC, September 1981.
- Key Words: government, policy, guidelines, laws.
- OTA-86
Intellectual Property Rights in an Age of Electronics and Information, OTA-CIT-302, U.S. Congress, Office of Technology Assessment, Washington, DC, April 1986.
- Key Words: government, policy, legislation.
- PAR-80
Parker, D.B.
"Computer Abuse Research Update," Computer/Law Journal, Spring 1980, pp. 329-352.
- Key Words: crime, threats, policy, awareness, laws.
- PAR-81
Parker, D.B.
Ethical Conflicts in Computer Science and Technology, AFIPS Press, Reston, VA, 1981.
- Key Words: general, policy, ethics.
- PAR-83
Parker, D.B.
Fighting Computer Crime, Charles Scribner's Sons, New York, 1983.
- Key Words: crime, general, policy, guidelines, laws.
- PAR-83a
Parker, D.B.
"How Much Computer Abuse Is There?" Computer Security Journal, Spring 1983, pp. 85-89.
- Key Words: crime, general, threats, awareness.
- PAR-84
Parker, D.B.
"A Strategy for Preventing Program Theft and System Hacking," Computer Security Journal, Summer 1984, pp. 21-32.
- Key Words: hackers, crime, threats, policy, guidelines.
- PAR-84a
Parker, D.B., and S.H. Nycum
"Computer Crime," Communications of the ACM, April 1984, pp. 313-315.
- Key Words: crime, threats, general, awareness, guidelines.
- PER-84
Perry, T., and P. Wallich
"Can Computer Crime Be Stopped?," IEEE Spectrum, May 1984, pp. 34-49.
- Key Words: crime, policy, laws.
- POD-86
Podell, H.G., and M.W. Abrams
"Computer Security Glossary for the Advanced Practitioner," Computer Security Journal, Vol. 4, No. 1, 1986, pp. 69-88.
- Key Words: guidelines, general.
- REB-86
Reber, J.
"The Essence of Industrial Espionage," Data Processing & Communications Security, Winter 1986, pp. 24-25.
- Key Words: awareness, general, threats, laws.
- RIC-84
Richards, T.C.
"A Computer Fraud Survey," ACM Security Audit & Control Review, Spring-Sum. 1984, pp. 17-23.
- Key Words: awareness, computer crime, general, threats.
- RIC-86
Richards, R.M., and J.L. Guynes
"A Strategic Plan for Reducing Consumer Anxiety About EFTS Security," Security, Audit & Control Review, Spring 1986, pp. 4-8.
- Key Words: awareness, policy.
- RIC-86a
Richards, R.M.
"Insuring Computer Risks," Computers & Security, September 1986, pp. 207-210.
- Key Words: policy, guidelines.
- RIC-86b
Richards, T.C.
"A Historical Perspective of Computer Related Fraud," Security, Audit & Control Review, Summer 1986, pp. 15-25.
- Key Words: crime, threats, awareness, general.
- ROB-88
Roberts, R.
Computer Viruses, Compute! Books, Greensboro, NC, 1988.
- Key Words: book, viruses, threats.
- ROB-88a
Roberts, W.
"Remember to Lock the Door: MMI and the Hacker," Information Age, (U.K.), July 1988, pp. 146-150.
- Key Words: hackers, awareness, threats, guidelines.

- ROS-85
Ross, S.J. (Ed.)
"Computer Security Issues: A Roundtable," Computer Security Journal, Winter 1985, pp. 39-50
- Key Words: awareness, policy.
- SAM-85
Samociuk, M.
"Hacking or the Art of Armchair Espionage," Computer Fraud and Security Bulletin, July 1985.
- Key Words: hacking, crime,
- SAT-89
Sato, O.
"Controlling End-User Computing: An Analytical Framework," ACM Security, Audit and Control Review, Fall 1989, pp. 6-12.
- Key Words: policy, guidelines.
- SCH-80
Schulte, L.A.
"Computer Crime Bibliography," Computer/Law Journal, Summer 1980, pp. 787-803.
- Key Words: awareness, general, crime, guidelines.
- SCH-83
Schwartz, M.B.
"Safeguarding EFTS," Datamation, February 1983, pp. 148-160.
- Key Words: policy, guidelines, techniques.
- SCH-84
Schmucker K.J.
"Computer Crime: Fiction and Science Fact," Abacus, Spring 1984, pp. 8-21.
- Key Words: awareness, crime.
- SCH-84a
Scherer, M.E.
"Unsafe Software -- The Missing Security Perspective," Computer Security Journal, Summer 1984, pp. 43-52.
- Key Words: awareness, threats.
- SCH-85
Schweitzer, J.A.
"A Management View: Computer Security as a Discretionary Decision," Computers & Security, March 1985, pp. 13-22.
- Key Words: policy, guidelines.
- SCH-86
Schweitzer, J.A.
"Who Owns Information Security?" Security, Audit & Control Review, Spring 1986, pp. 1-3.
- Key Words: awareness, general.
- SCH-86a
Schweitzer, J.A.
Computer Crime and Business Information, Elsevier, New York, 1986
- Key Words: crime, threats.
- SEC-86
"How Business Battles Crime by Computer," Security World, October 1986, pp. 54-60.
- Key Words: crime, policy.
- SEC-89
"10 Top Security Trends," Security, February 1989, pp. 47-51.
- Key Words: policy, techniques.
- SEI-84
Seif, R.A.
"Contingency Planning in the Banking Community," Computers & Security, February 1984, pp. 29-34.
- Key Words: awareness, policy.
- SER-83
"Industrial Espionage," Security World, April 1983, pp. 33-39.
- Key Words: crime, threats.
- SEW-84
Sewell, C.
"Screening Out The People Problem," Security World, October 1984, pp. 50-52.
- Key Words: policy, guidelines.
- SEY-85
Seymour, J.
"Locking Up Your Information Assets," Today's Office, April 1985, p. 23ff.
- Key Words: policy, guidelines.
- SIE-87
Sieber, U.
The International Handbook on Computer Crime: Computer-Related Economic Crime and the Infringements of Privacy, J. Wiley & Sons, Somerset, NJ, 1987
- Key Words: crime, threats, general, international.
- SIL-83
Silverman, M.E.
"Selling Security to Senior Management, DP Personnel and Users," Computer Security Journal, Fall/Winter 1983, pp. 7-18.
- Key Words: awareness, general, policy, guidelines.

- SIL-85
Silverman, M.E.
"Strategic Planning -- The Missing Link in Computer Security" Computer Security Journal, Winter 1985, pp. 31-38.

Key Words: policy, guidelines.
- SIM-81
Simkin, M.C.
"Computer Crime: Lessons and Directions," The CPA Journal, December 1981, pp. 10-14.

Key Words: crime, threats, policy.
- SMA-84
"Controlling Computer Crime," Security Management, January 1984, pp. 19-34.

Key Words: crime, policy, techniques.
- SMI-83
Smith, T.H.
"Computers and the Law of Evidence," Transnational Data Report, December 1983, pp. 451-454.

Key Words: crime, policy, laws.
- SOK-90
Sokolik, S.L.
"Computer Crime -- The Need for Deterrent Legislation," Computer/Law Journal, Spring 1980, pp. 333-383.

Key Words: crime, legislation.
- STA-84
Staikos, N.
"Designs for Computer Security," Security World, March 1984, pp. 52-55.

Key Words: policy, guidelines, techniques.
- STA-85
Stanley, P.M.
"Educating Computer Crime Investigators," Proc. IFIP/Sec. '85, Dublin, 1985, (2: GRI-85), pp. 313-322.

Key Words: crime, guidelines.
- STA-86
Straub, D.W.
"Computer Abuse and Security: Update of an Empirical Pilot Study," Security, Audit & Control Review, Spring 1986, pp. 21-31.

Key Words: crime, guidelines, techniques.
- STR-88
Straub, D.W., and W.D. Nance
"Uncovering and Disciplining Computer Abuse: Organizational Responses and Options," Information Age, (U.K.), July 1988, pp. 151-156.

Key Words: crime, policy, threats, guidelines.
- TUR-82
Turn, R.
"Private Sector Needs for Trusted/Secure Computer Systems," Proceedings, 1982 National Computer Conference, AFIPS Press, Reston, VA, 1982, pp. 449-460.

Key Words: policy, guidelines.
- TUR-85
Turner, B.M.
"Terrorist Attacks Upon Technological Systems," Journal of Security Administration, December 1984, pp. 25-32.

Key Words: crime, threats.
- TUR-86
Turn, R.
"Security and Privacy Requirements in Computing," Proc., ACM/IEEE Fall Joint Computer Conference, November 1986, pp. 1106-1113.

Key Words: policy, guidelines.
- TUR-86a
Turn, R.
"Security, Privacy, Safety and Resiliency in Computing," in J. Skwirzynski (Ed.), Software Design Methods, NATO ASDI Series Volume F22, Springer-Verlag, New York, 1986, pp. 653-679.

Key Words: policy, guidelines, techniques.
- VAN-84
Van Hoboken, W.R.C.
"The Burglar's Viewpoint," Computers & Security, November 1984, pp. 295-302.

Key Words: crime, threats.
- VAN-85
van Tongeren, H.
"Information Security in the Framework of the International Information Flow Debate: A Business View," Proc. IFIP/Sec'85 (2: GRI-85), pp. 323-328.

Key Words: policy, guidelines, international.
- VOL-80
Volgyes, M.R.
"The Investigation, Prosecution and Prevention of Computer Crime: A State of the Art Review," Computer/Law Journal, Spring 1980, pp. 385-402.

Key Words: crime, guidelines, policy, laws.

- VOL-83
Volkman, T.C.
"Computers -- America's Achilles' Heel," Air University Review, May-June 1983, pp. 43-47.
- Key Words: vulnerabilities, threats.
- WAR-83
Ware, W.H.
"Computer Security Standards for Government and Industry: Where Will They Come From?," Computer Security Journal, Spring 1983, pp. 71-76.
- Key Words: policy, guidelines, government.
- WAR-84
Ware, W.H.
"Information Systems Security and Privacy," Communications of the ACM, April 1984, pp. 315-312.
- Key Words: awareness, general.
- WAR-88
Ware, W.H.
"Perspectives on Trusted Computer Systems," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 309-330.
- Key Words: awareness, general, techniques.
- WEB-85
Webster, W.H.
"Technology Transfer, Industrial Espionage and Computer Crime: The Problems We Are Facing," Computer Crime Digest, January 1985, pp. 1-5.
- Key Words: crime, guidelines, policy, techniques.
- WEB-85a
Webster, W.H.
"Technology Transfer, Industrial Espionage, & Computer Crime: The FBI's Activities," Computer Security Journal, Winter 1985, pp. 7-12.
- Key Words: crime, government, guidelines, policy.
- WEI-82
Weiss, E.A.
"Self-Assessment Procedure Dealing With Ethics in Computing," Communications of the ACM, March 1982, pp. 181-195.
- Key Words: awareness, ethics.
- WEI-84
Weinberger, F.
"Computer Security: Plan for Action," TeleSystems Journal, March/April 1984, pp. 11-21.
- Key Words: awareness, policy, guidelines.
- WEL-86
Weller, R., and S. Wall
"Source Code Under Lock and Key," Computerworld, June 2, 1986, p. 69.
- Key Words: guidelines, techniques.
- WON-83
Wong, K.
"Computer-Related Fraud," Information Age (UK), January 1983, pp. 16+
- Key Words: awareness, general, crime, threats.
- WON-83a
Wong, K.
"Computer-Related Fraud in the U.K.," Information Age (U.K.), October 1983, pp. 238-240.
- Key Words: awareness, crime, international.
- WON-84
Wong, K.
"Computer-Related Fraud in the U.K.," EDPACS, June 1984, pp. 5-9.
- Key Words: awareness, crime, international.
- WON-85
Wong, K.K.
"Computer Disaster in the United Kingdom," EDPACS, January 1985, pp. 1-7.
- Key Words: awareness, crime, international.
- WOO-82
Wood, M.
Introducing Computer Security, NCC Publications, Manchester, England, 1982.
- Keyword: awareness, general.
- YNG-88
Yngstrom, L.
"Experiences from a One-Year Academic Programme in Security Informatics," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 83-86.
- Keyword: awareness, general.
- YOS-85
Yost, G.
Spy-Tech, Fact On File Pub., New York, 1985.
- Key Words: awareness, general.
- YOU-82
Yourdan, E.
Silent Witness, Yourdan Press, New York, 1982.
- Key Words: awareness, general.
- YOV-89
Yovel, S.
"On Viruses and Top Managers," Information Age (U.K.), September 1989, pp. 202-210.
- Key Words: awareness, viruses, guidelines.

ZAJ-85

Zajac, B.P., Jr.
"Police Response to
Computer Crime in the
United States," The Computer
Law and Security Report,
July-August 1985, pp. 16-17.

Key Words: crime,
legislation.

ZAJ-86

Zajac, B.P., Jr.
"What to Do When You
Have Reason to Believe Your
Computer Has Been
Compromised", Computers &
Security, March. 1986, pp.
11-16.

Key Words: hackers, viruses,
threats, guidelines.

ZAL-83

Zalud, B.
"Computer Criminals Will Be
Prosecuted: Adopting A
'Prevention First' Approach,"
Data Management, April
1983, pp. 30+.

Key Words: crime, policy,
guidelines.

ZIM-84

Zimmerman, J.S.
"The Human Side of
Computer Security," Computer
Security Journal, Summer
1984, pp. 7-20.

Key Words: awareness,
general, threats, guidelines.

ZIM-85

Zimmerman, J.S.
"PC Security: So What's
New?" Datamation, November
1, 1985, pp. 86-92

Key Words: awareness,
general, PC.

2. Management

The section cites publications on various management issues, including: the need for security in mainframe, minicomputer and personal computer systems (risk management, risk analysis); administrative and personnel policies and controls; physical security in computing facilities; and operational (disaster) recovery. Also included are publications containing technical discussions of threats and vulnerabilities (e.g., viruses).

ADD-87

Addison, K., et al.
"Computer Security at SUN Microsystems, Inc.," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 216-219.

Key Words: company, general, policy, management, techniques

AFC-85

Proceedings, Symposium on Physical/Electronic Security, AFCEA, 1986.

Key Words: proceedings, physical.

AFC-86

Proceedings, 2nd Annual Symposium on Physical/Electronic Security, AFCEA, Philadelphia, PA, August 1986.

Key Words: proceedings, physical.

AFC-87

Proceedings, 3d Annual Symposium on Physical/Electronic Security, AFCEA, 1987.

Key Words: proceedings, physical.

AIM-81

AIM/SAFE: A Data Processing Contingency Planning Methodology, Advanced Information Management, Inc., Woodbridge, VA, 1981.

Key Words: guidelines, recovery, techniques.

ALD-88

Aldridge, B.T.
"Preliminary Formulation of a Policy Based on Risk (PBR) Assessment Methodology," Proc. Comp. Sec. Risk Manag. Model Builders Workshop, 1988 (2: NBS-88), pp. 225-242.

Key Words: risk, policy, methods.

ALK-89

Alkemi
Computer Risk Manager, Elsevier Advanced Technology New York, NY, 1989.

Key Words: risk, management, methods.

ALL-81

Allen, B.R.
"Threat Teams: A Technique for the Detection and Prevention of Fraud in Automated and Manual Systems," Computer Security Journal, Spring 1981, pp. 1-13.

Key Words: guidelines, techniques.

ALS-86

Al-Saffar, H.
"Using SMF Data for Audit Purposes," EDPACS, February 1986, pp. 1-14.

Key Words: auditing, methods.

ANC-83

Ancker, A.
"Facilities for Computers and Office: Security Conscious Planning," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 143-146.

Key Words: guidelines, physical.

AUS-81

Austin, B.B.
"Controlling Physical Access from a Central Locations," Computer Security Journal, Spring 1981, pp. 83-98.

Key Words: physical, control, techniques.

BAD-89

Badenhorst, K.P., and J. Eloff
"Framework of a Methodology for the Life Cycle of Computer Security in an Organization," Computers & Security, August 1989, pp. 433-442.

Key Words: general, methods.

BAK-85

Baker, R.H.
The Computer Security Handbook, TAB Professional and Reference Books, Blue Ridge Summit, PA, 1985.

Key Words: book, general, techniques.

BAL-87

Baldwin, R.W.
 "Rule Based Analysis of Computer Security," Proceedings, IEEE Compcon 1987, pp. 227-233.

Key Words: general, methods.

BAR-80

Barbarino, P.
 "Multi-Tiered Approach to System Security," Proc. 1980 IEEE Symp. on Security & Privacy, (5: IEE-80), pp. 114-120.

Key Words: general, method, techniques.

BEA-84

Beatman, L.
 "Microcomputer in the Audit Function," EDPACS, September 1984, pp. 4-6.

Key Words: auditing, methods.

BEA-85

Beatson, J.G.
 "Development and Organization of the Audit and Security Function," Proc. IFIP/Sec. '85, Dublin, 1985, (2: GRI-85), pp. 251-259.

Key Words: audit, management.

BEA-86

Beatson, J.G.
 "Managing the EDP Audit and Security Function," Computers & Security, September 1986, pp. 201-206.

Key Words: audit, management.

BEC-83

Becker, H.B.
Information Integrity: A Structure for Its Definition and Management, McGraw-Hill, New York, 1983

Key Words: book, integrity, general, methods, guidelines.

BEC-84

Becker, H.B.
 "Security Considerations in the Small Systems Environment," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 501-516.

Key Words: general, guidelines.

BEI-84

Beitman, L.
 "An Audit Software Program Base," EDPACS, March 1984, pp. 6-8.

Key Words: auditing, software.

BEN-89

Benzel, T.C.V.
 "Integrating Security Requirements and Software Development Standards," Proc. 12th Natl. Comp. Sec. Conf. (5: NCS-89), 1989, pp. 435-458.

Key Words: methods, software

BER-83

Bernhede, L.
 "A Method for Testing Vulnerability," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 161-166.

Key Words: vulnerability, methods.

BER-83a

Bernhard, R.
 "Foiling the Spoofers, Trap-Doors, Trojan Horses...", Systems and Software, April 1983, pp. 67-68.

Key Words: hackers, threats, methods.

BER-83b

Bernstein, R.A.
 "Contingency Planning -- A Case Study," EDPACS, October 1983, pp. 9-12.

Key Words: contingency, methods.

BER-84

Berg, R.
 "Risk Management for Computer Centers," Information Resource Management (U.K.), March 1984, pp. 16-17.

Key Words: risk, management, methods.

BES-88

Bessenhofer, R.
 "Designing Security Into a Modern Data Processing Center," Computer Security Journal, Volume V, No. 1, 1988, pp. 53-66.

Key Words: methods, techniques.

BIC-89

Bickner, L.
 "Security Engineering of Secure Ground Stations," Proc. Aerospace Comp. Sec. Conf. (5: IEE-85a), 1985, pp. 49-54.

Key Words: physical, techniques.

BIS-86

Bishop, M.
 "Analyzing the Security of An Existing Computer System," Proceedings, ACM/IEEE Fall Joint Computer Conference, Nov. 1986, pp. 1115-1119.

Key Words: risk, methods.

BLA-81

Blanding, S.F.
 "Computer Fraud Auditing -- A Case Study," EDPACS, Aug./Sept. 1981, pp. 4-24.

Key Words: crime, auditing, company.

- BOL-84**
Bologna, J.
"Disaster/Recovery Planning: A Qualitative Approach," Data Processing & Communications Security, March/April 1984, pp. 11-15.

Key Words: contingency, recovery, management.
- BOL-88**
Bologna, G.J., and R.J. Linquist
Fraud Auditing and Forensic Accounting, J. Wiley & Sons, New York, 1988.

Key Words: book, auditing, control.
- BOL-88a**
Bologna, J.
"Selection Risks in Hiring Information Systems Personnel," Computers & Security, August 1988, pp. 353-355.

Key Words: risk, personnel.
- BOL-89**
Bologna, J.
"The One Minute Fraud Auditor," Computers & Security, February 1989, pp. 29-31.

Key Words: crime, auditing.
- BON-81**
Bonyun, D.
"The Role of a Well Defined Auditing Process in the Enforcement of Privacy Policy and Data Security," Proc. 1981 IEEE Symp. on Sec. & Privacy, (5: IEE-81), pp. 19-25.

Key Words: policy, auditing, methods.
- BON-81a**
Bonyun, D.A.
"Towards A Standard All-Purpose Activity Log," Proceedings, Honeywell Computer Security and Privacy Symposium, April 1981, pp. 133-145.

Key Words: auditing, guidelines.
- BON-88**
Bonyun, D.A., and J. Graeme
"An Expert Systems Approach to the Modelling of Risks in Dynamic Environment," Proc. Comp. Sec. Risk Manag. Model Builders Workshop, 1988 (2: NBS-88), pp. 203-223.

Key Words: risk, methods, management.
- BOU-83**
Bound, W.A.J., and D.R. Ruth
"Risk Management -- How It Can Become a Useful Tool," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 147-160.

Key Words: risk, methods, management.
- BOU-83a**
Bound, W.A.J., and D.R. Ruth
"Making Risk Analysis A Useful Management Tool with Microcomputer Electronic Worksheet Packages," Computers & Security, June 1983, pp. 102-115.

Key Words: risk, methods, management.
- BOY-82**
Boyer, T.J.
"Contingency Planning: An Opportunity for DP Management," Computer Security Journal, Winter 1982, pp. 41-49.

Key Words: contingency, recovery, methods.
- BRA-81**
Brafman, M.J.
"Evaluating Computer Controls Using the Matrix Approach," EDPACS, December 1981, pp. 1-10.

Key Words: risk, control, methods.
- BRI-83**
Brill, A.E.
Building Controls into Structured Systems, Yourdon Press, New York, 1983.

Key Words: controls, methods.
- BRO-84**
Browne, P.S.
"The Automated Risk Profile (RiskPac)," Proc. 7th Seminar, DoD Comp. Sec. Progr. (5: DOD-84), 1984, pp. 402-404.

Key Words: risk, methods, management.
- BRO-86**
Brown, R.V.
"Managing Diffuse Risks from Adversarial Sources (DR/AS) with Special Reference to Computer Security," Proc. 9th Natl. Comp. Sec. Conf. (5: NCS-86), 1986, pp. 162-167.

Key Words: risk, management, methods.
- BRO-87**
Brown, R.L.
"Specification for a Canonical Configuration Management Tool," Proc. 10th Natl. Comp. Sec. Conf. (5: NCS-87a), 1987, pp. 84-90.

Key Words: management, methods.

- BRO-88**
Browne, P.S., and J.E. Lavery
"Using Decision Analysis to Estimate Computer Security Risk," Proc. Comp. Sec. Risk Manag. Model Builders Workshop, 1988 (2: NBS-88), pp. 117-134.

Key Words: risk, management, methods.
- BRO-89**
Brothers, M.H.
"A 'How To' Guide for Computer Virus Protection in MS-DOS," Proc. 12th Natl. Comp. Sec. Conf. (5: NCS-89), 1989, pp. 349-358.

Key Words: virus, guidelines, methods.
- BRU-85**
Bruske, S.Z., R.E. Wright, and W.D. Geaslen
"Potential Uses of Probabilistic Risk Assessment Techniques for Space Station Development," Proc. Aerospace Comp. Sec. Conf. (5: IEE-85a), 1985, pp. 21-29.

Key Words: risk, methods.
- BUC-87**
Buck, E.R.
An Introduction to Data Security and Controls, Q.E.D. Information Sciences, Inc., Wellesley, MA, 1987.

Key Words: book, control, methods.
- BUI-87**
Bui, T., and T.R. Sivasankaran
"Cost-Effectiveness Modeling for a Decision Support System in Computer Security," Computers & Security, April 1987, pp. 139-151.

Key Words: methods, management.
- BUR-85**
Burns, R.W.
"Security Implications of the Space Station Information System," Proc. Aerospace Comp. Sec. Conf. (5: IEE-85a), 1985, pp. 3-10.

Key Words: requirements, government.
- BUR-88**
Burger, R.H.
Computer Viruses: A High-Tech Disease, Abacus, Grand Rapids, MI, 1988.

Key Words: book, general, virus, risk, techniques.
- BUU-84**
Buurmeijer, F.
"IBM's Data Security Strategy: Some Implementation Aspects," Computers & Security, November 1984, pp. 273-277.

Key Words: methods, company.
- CAE-89**
Caelli, W.J. (Ed.)
Computer Security in the Age of Information, Proc. IFIP/Sec. '88, Gold Coast, Australia, May 1988, North-Holland, Amsterdam 1989.

Key Words: proceedings, general, international.
- CAM-83**
Campbell, R.P.
"Locking Up the Mainframe, Part 1," Computerworld, October 10, 1983, pp. ID1-ID15.

Key Words: threats, policy, methods.
- CAM-83a**
Campbell, R.P.
"Locking Up the Mainframe, Part 2," Computerworld, October 17, 1983, pp. ID1-ID14.

Key Words: threats, policy, methods.
- CAR-82**
Carroll, J.M.
Controlling White Collar Crime: Design and Audit for Systems Security, Butterworths, Woburn, MA, 1982.

Key Words: book, crime, auditing.
- CAR-83**
Carroll, J.M., and O. Wu
"Methodology for Security Analysis of Data Processing Systems," Computers & Security, January 1983, pp. 24-34.

Key Words: risk, threats, methods, managements.
- CAR-83a**
Carroll, J.M.
"Decision Support for Risk Analysis," Computers & Security, November 1983, pp. 230-236.

Key Words: risk, threats, methods, management.
- CAR-84**
Carrroll, J.M.
Managing Risk: A Computer-Aided Strategy, Butterworth, Stoneham, MA 1984.

Key Words: book, risk, methods, management.
- CAR-84a**
Carroll, J.M., and W.R. MacIver
"Towards an Expert System for Computer-Facility Certification," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), '84, pp. 293-306.

Key Words: physical, methods, risk.
- CAR-85**
Carroll, J.M., and W.W. Mac Iver
"COSSAC: A Framework for Analyzing and Configuring Secure Computer Facilities," Computers & Security, March 1985, pp. 5-12.

Key Words: physical, methods.

CAR-87

Carroll, J.M.
Computer Security, Second Edition, Butterworths, Boston, MA, 1987

Key Words: book, general, methods, guidelines, techniques.

CER-85

Cerullo, M.J.
"General Controls in Computer Systems," Computers & Security, March 1985, pp. 33-45.

Key Words: controls, methods.

CHA-82

Chambers, A.D.
Computer Auditing, Commerce Clearing House, Inc., Chicago, 1982.

Key Words: auditing, methods.

CHA-85

Chalmers, L.S.
"A Low-Cost Approach to Disaster Recovery Planning," Computer Security Journal, Winter 1985, pp. 57-61.

Key Words: contingency, recovery, methods, management.

CHA-86

Chalmers, L.S.
"An Analysis of the Differences Between Computer Security Practices in the Military and Private Sectors," Proc. 1986 IEEE Symp. on Security & Privacy (5: IEE-86), pp. 71-77.

Key Words: policy, methods, management.

CHA-88

Chantino
Disaster Recovery, Elsevier, New York, NY, 1988.

Key Words: book, recovery, methods.

CHO-89

Chokhani, S.
"Protection of Call Detail Records Data in Federal Telecommunications," Proc. 5th Sec. Applicat. Conf. (4: IEE-89c), 1989, pp. 70-77.

Key Words: government, threats, policy, methods, techniques.

CLA-86

Clark, R.
"Risk Management -- A New Approach," Proc. IFIP/Sec. '86, Monte Carlo, 1986, (2: GRI-89).

Key Words: risk, methods, management.

CLY-87

Clyde, A.R.
"Insider Threat Identification System," Proc. 10th Natl. Comp. Sec. Conf. (5: NCS-87a), 1987, pp. 343-356.

Key Words: threats, risk, methods.

COC-84

Cochrane, J.S.
"Automated Data Processing Security Accreditation Program (A Composite Guideline)," Proc. 7th Seminar, DoD Comp. Sec. Progr. (5: DOD-84), 1984, pp. 351-363.

Key Words: guidelines, accreditation.

COH-84

Cohen, F.
"Computer Viruses: Theory and Experiments," Proc. 7th Seminar, DoD Comp. Sec. Progr. (5: DOD-84), 1984, pp. 240-263.

Key Words: virus, techniques, theory.

COH-84a

Cohen, F.
"Computer Viruses: Theory and Experience," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 143-158.

Key Words: virus, theory, techniques.

COH-87

Cohen, F.
"Computer Viruses: Theory and Experiments," Computers & Security, February 1987, pp. 22-25.

Key Words: virus, techniques, theory.

COH-88

Cohen, F.
"On the Implications of Computer Viruses and Methods of Defense," Computers & Security, April 1988, pp. 167-184.

Key Words: virus, threats, methods.

COH-88a

Cohen, F.
"Maintaining a Poor Person's Information Integrity," Computers & Security, October 1988, pp. 489-494.

Key Words: integrity, methods.

COH-88b

Cohen, F.
"Terminal Viruses," The Sciences, Nov.-Dec. 1988, pp. 24-30.

Key Words: virus, techniques.

COH-89

Cohen, F.
"Computational Aspects of Computer Viruses," Computers & Security, June 1989, pp. 325-344.

Key Words: virus, techniques.

COO-89

Cooper, J.A.
Computer and
Communications Security:
Strategies for the 1990s,
McGraw-Hill, New York,
1989.

Key Words: book, general,
networks.

COP-88

Copigneaux, F., and
S. Martin
"Software Security Evaluation
Based on Top-Down McCall-
Like Approach," Proc. 4th
Aerosp. Comp. Sec. Conf. (4:
IEE-88b), 1988, pp. 414-418.

Key Words: risk, methods.

COR-82

Coryen, G.C.
A Methodology for Assessing
Security Risks Associated
with Computer Sites and
Networks, UCRL-53292,
Lawrence Livermore National
Laboratory, Livermore, CA,
June 23, 1982.

Key Words: risk, methods,
networks.

COR-87

Corelis, J.
"Source Code Security: A
Checklist for Managers,"
ACM Sec. Audit & Control
Review, Spring 1987, pp. 12-
16.

Key Words: software,
guidelines.

COU-84

Courtney, R.H., and
M.A. Todd
"Problem Definition: An
Essential Prerequisite to the
Implementation of Security
Measures," Proc. IFIP/Sec.
'84, Toronto, 1984, (2: FIN-
85), pp. 97-106.

Key Words: methods,
techniques.

COU-85

Courtney, R.H., and
M.A. Todd
"Problem Quantification:
Importance of Cost-Effective
Security," Proc. IFIP/Sec. '85,
Dublin, 1985, (2: GRI-85),
pp. 55-63.

Key Words: methods,
techniques.

COU-86

Courtney, R.H.
"Security Measures Are
Inherently Undesirable,"
EDPACS, March 1986, pp. 9-
12.

Key Words: methods,
management.

COU-86a

Courtney, R.H.
"An Economically Feasible
Approach to Contingency
Planning," Proc. 9th Natl.
Comp. Sec. Conf. (5: NCS-
86), 1986, pp. 237-244.

Key Words: contingency,
recovery, methods.

COU-88

Courtney, R.H.
"Another Perspective on
Sensitive But Unclassified
Data," Computers & Security,
February 1988, pp. 19-23.

Key Words: policy,
requirements.

COU-89

Courtney, R.H.
"Proper Assignment of
Responsibility for Data
Security," Information Age,
(U.K.) April 1989, pp. 83-87.

Key Words: policy,
management.

CRO-82

Crow, W.
"Making the ATM More
Secure," The Bankers
Magazine, Jan./Feb. 1982, pp.
70-74.

Key Words: policy,
techniques.

CRO-84

Croft, R.B.
"A Flow Charting Technique
for Designing On-Line Data
Security," TeleSystems Journal,
March/April 1984, pp. 22-27.

Key Words: risk, techniques.

CRO-85

Cronhjort, B.T., and
A. Mustonen
"Computer Assisted Reduction
of Vulnerability of Data
Centers," Proc. IFIP/Sec. '84,
Toronto, 1984, (2: FIN-85),
pp. 397-425.

Key Words: risk,
vulnerabilities, methods,
techniques.

CRO-86

Cronin, D.
Microcomputer Data Security:
Issues & Strategies, Brady
Communicat./Prentice-Hall,
Englewood Cliffs, NJ, 1986.

Key Words: book,
management, PC, techniques.

CRO-89

Crocker, S., and M. Pozzo
"A Proposal for Verification-
Based Virus Filter," Proc. 1989
IEEE Symp. on Sec. &
Privacy (5: IEE-89b), pp. 319-
324.

Key Words: virus, techniques.

CSC-85

PC Security Considerations,
NSSC-TG-002-85, National
Computer Security Center, Ft.
Meade, MD, 1985.

Key Words: guidelines, PC,
techniques.

CSI-83

Computer Security Handbook,
Computer Security Institute,
Northboro, MA, 1983.

Key Words: book, guidelines,
general, techniques,
management.

CSI-87

"A Guide to Commercial Disaster Recovery Services," Computer Security Journal, Volume IV, No. 2, 1987, pp. 49-64.

Key Words: contingency, recovery.

CWO-86

"Disaster Recovery Hot Sites," Computerworld, May 12, 1986, p. 62ff.

Key Words: contingency, recovery.

DAV-87

Davis, F.G.F., and R.E. Gantenbein
"Recovering from a Computer Virus Attack," Journal of Systems and Software, December 1987, pp. 253-258.

Key Words: virus, recovery, methods.

DAV-89

Davida, G.I., Y.G. Desmet, and B.J. Matt
"Defending Systems Against Viruses through Cryptographic Authentication," Proc. 1989 IEEE Symp. on Sec. & Privacy (5: IEE-89b), pp. 312-318.

Key Words: virus, techniques, cryptography.

DEL-89

Computer Viruses: Proceedings, Invitational Symposium, October 10-11, 1988, Deloitte Haskings & Sells, New York, 1989.

Key Words: proceedings, virus, methods, management.

DEM-85

DeMaio, H.B.
"Controlling Advanced Information System Technology," Computer Security Journal, Winter 1985, pp. 63-67.

Key Words: management, control.

DEN-81

de Boef, A.
"Audit Monitoring of Production Data Files," EDPACS, February 1981, pp. 1-16.

Key Words: auditing, methods.

DEN-87

Denning, D.E.
"An Intrusion-Detection Model," IEEE Trans. on Software Engr., February 1987, pp. 222-232.

Key Words: threats, methods.

DES-88

Desman, M.B.
"Recovery Planning -- Pay Attention to Your People," Computer Security Journal, Volume V, No. 1, 1988, pp. 49-51.

Key Words: policy, personnel, management.

DEV-83

DeVries, D.
"A Baker's Dozen: Security Suggestions for Moving a Data Center," Computer Security Journal, Spring 1983, pp. 91-95.

Key Words: guidelines, physical.

DOD-88

Security Requirements for Automated Information Systems (AIS), U.S. Department of Defense, Washington, DC, March 1988.

Key Words: policy, requirements, government.

DON-84

Donovan, J.F.
"Industrial Relations and Contingency Planning," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 401-406.

Key Words: contingency, management.

DOS-85

Doswell, R.T.
"The Audit, Control and Security of the Project Life Cycle -- Pre-Implementation Stage," Proc. IFIP/Sec. '85, Dublin, 1985, (2: GRI-85), '85, pp. 277-281.

Key Words: auditing, management.

DPC-84

"Computer Security Administration and Staffing," Data Processing & Communications Security, May/June 1984.

Key Words: management, personnel.

DPC-84a

"Physical Security for Data Processing Facilities," Data Processing & Communications Security, Sept./Oct. 1984.

Key Words: physical, techniques.

DUG-86

Dugan, E.
"Disaster Recovery Planning: Crisis Doesn't Equal Catastrophe," Computerworld, January 27, 1986, pp. 67-74.

Key Words: contingency, recovery, management.

DUN-84

Dunmore, D.
"An EDP Risk Analysis Model," EDPACS, October 1984, pp. 6-11.

Key Words: risk, management, methods.

EAS-82

Eason, T.S., and D.A. Webb
Nine Steps to Effective EDP
Loss Control, Digital Press,
Bedford, MA, 1982.

Key Words: book, control,
policy, guidelines.

EIC-89

Eichin, M.Q.W., and
J.A. Rochlis
"With Microscope and
Tweezers: An Analysis of the
Internet Virus of November
1988," Proc. 1989 IEEE
Symp. on Sec. & Privacy (5:
IEE-89b), pp. 326-343.

Key Words: virus, methods.

ENG-80

Enger, N.L., and
P.W. Hoverton
Computer Security: A
Management Audit Approach,
Anacom, New York, 1980.

Key Words: book, auditing,
methods,

EPP-80

Epperly, E.V.
"The Department of Defense
Computer Security Initiative
Program and Current and
Future Security Policies,"
Proc. 2nd Seminar, DoD
Comp. Sec. Prog. (5: DOD-
80a), 1980, pp. J1-J34.

Key Words: policy,
government.

EPP-82

Epperly, E.V.
"Computer Security Policies -
Challenges and Prospects,"
Proc. 5th Seminar, DoD
Comp. Sec. Prog. (5: DOD-
82), 1982, pp. 99-137.

Key Words: policy,
government.

ESS-85

Essen, J., and B. Lindberg
"The Bofors-Model for
Working ADP Security," Proc.
IFIP/Sec. '85, Dublin, 1985,
(2: GRI-85), pp. 47-53.

Key Words: risk, threats,
methods.

FAK-83

Fak, V.A. (Ed.)
Security, Proc. of IFIP/Sec'83,
Stockholm, Sweden, May 16-
19, 1983, North-Holland
Publishing Co., Amsterdam,
1983.

Key Words: proceedings,
general, international.

FAS-89

Fastiggi, M.V.
"Detection of Surreptitious
Insertion of Trojan Horse or
Viral Code in Computer
Application Programs,"
Information Age, (U.K.),
January 1989, pp. 3-10.

Key Words:

FED-85

Proceedings, Federal
Information System Risk
Analysis Workshop, U.S. Air
Force Computer Security
Program Office, San Antonio,
TX, January 1985.

Key Words: proceedings, risk.

FER-87

Ferris, M., and A. Cerulli
"Certification: A Risky
Business," Proc. 10th Natl.
Comp. Sec. Conf. (5: NCS-
87a), 1987, pp. 266-272.

Key Words: cerification,
policy.

FEU-88

Feuerlicht, J., and P. Grattan
"The Role of Classification of
Information in Controlling
Data Proliferation in End-User
PC Environment," Proc.
IFIP/Sec. '88, Australia, 1989,
(2: CAE-89), pp. 167-176.

Key Words: control, methods
management.

FEU-89

Feuerlicht, J., and P. Grattan
"The Role of Classification of
Information in Controlling
Data Proliferation in End-User
Personal Computer
Environment," Computers &
Security, February 1989, pp.
59-66.

Key Words: control, methods,
management.

FIE-82

Fierello, M.
"Cost-Benefit Impact Analysis
of Computer Security
Standards & Guidelines," Proc.
5th Seminar, DoD Comp. Sec.
Prog. (5: DOD-82), 1982, pp.
177-201.

Key Words: guidelines,
methods, management.

FIN-85

Finch, J.H., and
E.G. Dougall (Eds.)
Computer Security: A Global
Challenge. Proc., IFIP/SEC
'84, Toronto, Canada, 12-12
Sept., 1984, North-Holland
Publishing Company,
Amsterdam, 1985.

Key Words: proceedings,
general, international.

FIS-89

Fish, T. and S. Meglathery
"Professional Certification for
Computer Security
Practitioners," Proc. 12th Natl.
Comp. Sec. Conf. (5: NCS-
89), 1989, pp. 433-434.

Key Words: personnel,
management.

FIT-81

Fitzgerald, J.
"EDP Risk Analysis Using
Matrices," EDPACS,
November 1981, pp. 1-7.

Key Words: risk, methods,
management.

FIT-89

Fites, P.E.
Control and Security of
Computer Information
Systems, Computer Science
Press, Rockville, MD, 1989.

Key Words: book, control,
methods.

FLA-86

Flach, J.
"Disaster Planning -- Beyond
a Prayer," Computer Security
Products Report, Spring
1986, pp. 9-11.

Key Words: contingency,
recovery.

FRA-83

Francella, K.
"Multiple Controls Combat
Computer Crime," Data
Management, July 1983, pp.
21+.

Key Words: crime, controls,
methods, management.

FRI-82

Friedman, S.D.
"Contingency and Disaster
Planning," Computers and
Security, January 1982, pp.
34-40.

Key Words: contingency,
recovery, management.

FRI-84

Friedman, S.D.
"Contingency and Disaster
Planning in EDP," EDPACS,
January 1984, pp. 4-9.

Key Words: contingency,
recovery, management.

FRY-83

Fry, B.G.P. and W.F. Main
"A Conceptual Methodology
for Evaluating Security
Requirements for Data
Assets," Computers &
Security, November 1983, pp.
237-241.

Key Words: requirements,
methods.

FUG-84

Fugini, M., and C. Martella
"Security Mangement in
Office Information Systems,"
Proc. IFIP/Sec. '84, Toronto,
1984, (2: FIN-85), pp. 487-
498.

Key Words: management,
policy.

GAG-85

Gage, D.W.
"Security Considerations for
Autonomous Robots," Proc.
1986 IEEE Symp. on Sec. &
Privacy (5: IEE-86), pp. 224-
228.

Key Words: requirements.

GAL-85

Gallery, S.M.
Computer Security: Readings
from Security Management
Magazine, Butterworths,
Boston, 1987.

Key Words: book, general,
methods.

GAO-80

Most Federal Agencies Have
Done Little Planning for ADP
Disasters, AFMD-81-16, U.S.
General Accounting Office,
Washington, DC, 18
December 1980.

Key Words: contingency,
recovery, government,
management.

GAO-81

Federal Agencies Still Need to
Develop Greater Computer
Audit Capabilities, AFMD-82-
7, U.S. General Accounting
Office, Washington, DC, 16
October 1981.

Key Words: auditing,
management, government.

GAO-81a

Evaluating Internal Controls in
Computer-Based Systems,
AFMD-81-76, U.S. General
Accounting Office,
Washington, DC, June 1981.

Key Words: control,
government.

GAR-87

Garcia, A.A. (Ed.)
Computer Security: A
Comprehensive Controls
Checklist, J. Wiley & Sons,
Somerset, NJ, 1987.

Key Words: guidelines,
methods.

GAR-88

Garnett, P.D.
"Selective Disassembly: A
First Step Towards Developing
Virus Filter," Proc. 4th
Aerospace Comp. Sec. Conf.
(4: IEE-88b), 1988, pp. 2-6.

Key Words: virus, techniques.

GAR-89

Gardner, P.E.
"Analysis of Five Risk
Assessment Programs,"
Computers & Security, October
1989, pp. 479-485.

Key Words: risk, management,
techniques.

GAS-86

Gascoyne, R.J.N.
"Basic Protection for
Microcomputers," EDPACS,
June 1986, pp. 5-6.

Key Words: PC, techniques,
management.

- GIL-81
Gilhooley, I.A.
"Controlling the EDP Auditor," EDPACS, January 1981, pp. 1-7.

Key Words: auditing, control, management.
- GIL-84
Gilhooley, I.A.
"Auditing System Development Methodology," EDPACS, July 1984, pp. 1-8.

Key Words: auditing, methods.
- GIL-84a
Gillin, P.
"Tightening Controls on MicroBased Software," Computerworld, December 5, 1984, pp. 41-44.

Key Words: control, PC, software.
- GIL-85
Gilhooley, I.A.
"The Impact of Current EDP Development on Separation of Duties," COM-SAC, Computer Security, Auditing & Controls, No. 2, 1985, pp. A7-A14.

Key Words: management, methods.
- GIL-86
Gilhooley, I.A.
"Productivity and Control in System Development," EDPACS, July 1986, pp. 1-6.

Key Words: control, management.
- GIL-86a
Gilhooley, I.A.
"Controlling End-User Computing," EDPACS, October 1986, pp. 1-9.

Key Words: control, management.
- GIL-89
Gilbert, I.E.
Guide for Selecting Automated Risk Analysis Tools, SP 500-174, National Institute of Standards and Technology, Gaithersburg, MD, October 1989.

Key Words: risk, management, methods, guidelines.
- GIN-89
Ginn, R.
Continuity Planning: Preventing, Surviving and Recovering from Disaster, Elsevier Advanced Technology New York, NY, 1989.

Key Words: book, contingency, recovery, management.
- GLE-89
Gleissner, W.
"A Mathematical Theory for the Spread of Computer Viruses," Computers & Security, February 1989, pp. 35-41.

Key Words: virus, theory.
- GOT-81
Gottlieb, M.
"Audit Concerns About Minicomputers," EDPACS, Oct. 1981, pp. 12-15.

Key Words: auditing, methods.
- GRE-81
Greguras, F.M.
"DP Contingency Planning: The Legal Considerations," Assets Protection, May/June 1981, pp. 26-29.

Key Words: contingency, laws.
- GRE-81a
Green, G., and R.G. Farber
Introduction to Security Principles & Practices, Security World Publishing, Los Angeles, 1981.

Key Words: general, methods, policy, techniques.
- GRE-89
Green, J.L., and P. L. Sisson
"The 'Father Christmas Worm'," Proc. 12th Natl. Comp. Sec. Conf. (5: NCS-89), 1989, pp. 359-368.

Key Words: virus, techniques.
- GRI-85
Grimson, J.B., H.J. Kugler (Eds.)
Computer Security: The Practical Issues in a Troubled World, Proc. IFIP/Sec '85, Dublin, Ireland, 12-15 August, 1985, North-Holland Elsevier Publishing Company, Amsterdam/New York, 1985

Key Words: proceedings, general, international.
- GRI-89
Grisonnanche, A. (Ed.)
Security Protection in Information Systems, Proceedings IFIP/Sec '86, Monte Carlo, December 1986, North Holland/Elsevier, Amsterdam, 1989.

Key Words: proceedings, general, international.
- GUA-87
Guarro, S.B.
"Principles and Procedures of the LRAM Approach to Information Systems Risk Analysis and Management," Computers & Security, December 1987, pp. 493-504.

Key Words: risk, methods.

- GUA-88
Guarro, S.B.
"Analytical and Decision Models of the Livermore Risk Analysis Methodology," Proc. Comp. Sec. Risk Manag. Model Builders Workshop, 1988 (2: NBS-88), pp. 49-71.

Key Words: risk, methods.
- GUI-89
Guinier, D.
"Biological Versus Computer Viruses," ACM Sec., Audit & Control Rev., Summer 1989, pp. 1-15.

Key Words: virus, general.
- GUS-88
Gustoff, M.E.
"Personal Computer Security," Information Age, (U.K.), October 1988, pp. 195-202.

Key Words: PC, techniques.
- HAE-84
Haeckel, D.A., and B.B. Johnson
"Complete the Cycle of Information Security Planning," Security Management, May 1984, pp. 54-59.

Key Words: management, methods.
- HAH-88
Hahn, M.
"Auditing Changes to MVS," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 407-424.

Key Words: auditing, methods.
- HAL-86
Halme, L.R., and J. Van Horne
"Automated Analysis of Computer System Audit Trails for Security Purposes," Proc. 9th Natl. Comp. Sec. Conf. (5: NCS-86), 1986, pp. 71-74.

Key Words: auditing, methods.
- HAL-88
Halme, L.R., and B.L. Kahn
"Building a Security Monitor with Adaptive User Work Profiles," Proc. 11th Natl. Comp. Sec. Conf. (5: NCS-88), 1988, pp. 374-383.

Key Words: auditing, techniques.
- HAM-82
Hammer, C.
"Managing Computer Security," Computer Security Journal, Winter 1982, pp. 17-21.

Key Words: management, methods.
- HAN-83
Hansen, J.V. and W.F. Messier
"Scheduling the Monitoring of EDP Controls in Online Systems," Internatl. Journal of Computer and Information Sciences, February 1983, pp. 35-46.

Key Words: control, methods.
- HAN-83a
Hansen, J.V.
"Audit Considerations in Distributed Processing Systems," Communications of the ACM, August 1983, pp. 562-569.

Key Words: auditing, methods.
- HAR-80
Hardenburg, K.L.
"Controlling Systems Programming Activities," EDPACS, January 1980, pp. 1-24.

Key Words: control, management.
- HAR-80a
Hardenburg, K.L.
"Auditing the MVS Operating Systems," EDPACS, June 1980, pp. 1-10.

Key Words: auditing, techniques.
- HEA-83
Healy, R.J.
Design for Security, 2nd Ed., John Wiley & Sons, New York, 1983.

Key Words: book, physical, methods, techniques.
- HEA-86
Heaton, Y.
"The Human Risks -- An Auditor's Point of View," The Computer Law and Security Report, Sept.-Oct. 1986, pp. 21-23.

Key Words: risk, personnel.
- HEA-87
Hearden, K.
A Handbook of Computer Security, Kogan Page, London, 1987.

Key Words: book, general, methods, guidelines, management.
- HEB-80
Hebbard, B., et al.
"A Penetration Analysis of the Michigan Terminal System," ACM Operating Systems Review, January 1980, pp. 7-20.

Key Words: vulnerabilities, threats.
- HEN-85
Henrion, M., and M. G. Morgan
"A Computer Aid for Risk and Other Policy Analysis," Risk Analysis, September 1985, pp. 195-208.

Key Words: risk, management, policy, methods.

- HER-84
Herschberg, I.S. and R. Paans
"The Programmer's Threat:
Cases and Causes,"
Computers & Security,
November 1984, pp. 263-272.
- Key Words: threats,
personnel, management.
- HIG-83
Highland, H.J.
"Impact of Microcomputers
on Total Computer Security,"
Proc. IFIP/Sec. '83,
Stockholm, 1983, (2: FAK-
83), pp. 119-129.
- Key Words: PC, techniques,
management.
- HIG-83a
Highland, H.J.
"Impact of Microcomputers
on Total Computer Security,"
Computers & Security, June
1983, pp. 171-183.
- Key Words: PC, techniques,
management.
- HIG-83b
Highland, H.J.
"Operational Security for
Microcomputers,"
Proceedings, 1983
COMPCON Fall, IEEE
Computer Society, 1983.
- Key Words: PC, techniques.
- HIG-84
Highland, H.J.
"Data Protection in a
Microcomputer Environment,"
Proc. IFIP/Sec. '84, Toronto,
1984, (2: FIN-85), pp. 517-
531.
- Key Words: PC, techniques.
- HIG-84a
Highland, H.J.
Protecting Your
Microcomputer System, J.
Wiley & Sons, New York,
1984.
- Key Words: book, PC,
techniques.
- HIG-85
Highland, H.J.
"Microcomputer Security:
Data Protection Techniques,"
Computers & Security, June
1985, pp. 123-134.
- Key Words: PC, techniques.
- HIG-87
Highland, H.J.
"Data Physician -- A Virus
Protection Program,"
Computers & Security,
February 1987, pp. 73-79.
- Key Words: virus, techniques.
- HIG-87a
Highland, H.J.
"How to Evaluate
Microcomputer Encryption
Software and Hardware,"
Computers & Security, June
1987, pp. 229-244.
- Key Words: PC, cryptography.
- HIG-88
Highland, H.J.
"Computer Viruses: A Post
Mortem," Computers &
Security, April 1988, pp. 117-
122.
- Key Words: virus, techniques.
- HIG-88a
Highland, H.J.
"The Anatomy of a Virus
Attack," Computers &
Security, April 1988, pp. 145-
150.
- Key Words: virus, techniques.
- HIG-88b
Highland, H.J.
"An Overview of 18 Virus
Protection Programs,"
Computers & Security, April
1988, pp. 157-163.
- Key Words: virus, techniques.
- HIG-88c
Highland, H.J.
"The Brain Virus: Fact and
Fantasy," Computers &
Security, August 1988, pp.
367-370.
- Key Words: virus, techniques.
- HIG-89
Highland, H.J.
"The Milnet/Arpanet Attack,"
Computers & Security,
February 1989, pp. 3-10.
- Key Words: virus, techniques.
- HIG-89a
Highland, H.J.
"A Macro Virus" Computers &
Security, May 1989, pp. 178-
182.
- Key Words: virus, techniques.
- HIG-89b
Highland, H.J.
"The Marijuana Virus
Revisited," Computers &
Security, August 1989, pp.
369-373.
- Key Words: virus, techniques.
- HIG-89c
Highland, H.J.
"The Italian or Ping-Pong
Virus," Computers & Security,
April 1989, pp. 91-94.
- Key Words: virus, techniques.
- HIG-89d
Highland, H.J.
"Anatomy of Three Computer
Virus Attacks," Computers &
Security, October 1989, pp.
461-466.
- Key Words: virus, techniques.
- HIG-89e
Highland, H.J.
"Secure File Storage and
Transfer," Computers &
Security, October 1989, pp.
466-474.
- Key Words: database,
techniques.

- HIG-89f
Highland, H.J.
"Secret Disk II --
Administrator," Computers &
Security, November 1989, pp.
563-568.
- Key Words: virus,
techniques.
- HIG-89g
Highland, H.J.. (Ed.)
The Computer Virus
Handbook, Elsevier Advanced
Technology, New York, NY,
1989.
- Key Words: book, virus,
methods, techniques,
guidelines.
- HIG-89h
Highland, H.J.
"Datacrime Virus and New
Anti-Virus Products,"
Computers & Security,
December 1989, pp. 659-661.
- Key Words: virus,
techniques.
- HIG-89i
Highland, H.J.
"VCHECKER -- A Virus
Search Program," Computers
& Security, December 1989,
pp. 669-674.
- Key Words: virus,
techniques.
- HIL-83
Hildebrand, J.
"Records Retention:
Management's Involvement is
Critical," Data Management,
July 1983, pp. 18+.
- Key Words: contingency,
recovery.
- HIL-84
Hiller, E.
"Up from Disaster,"
Computerworld, March 26,
1984, pp. ID/9-16.
- Key Words: contingency,
recovery.
- HIR-89
Hirst, J.
"Rotten to the Core: Bombs,
Trojans, Worms, and Viruses,"
New Scientist, March 4, 1989,
pp. 40-41.
- Key Words: virus, threats.
- HOA-82
Hoar, T.
"Controls and Risk in Data
Processing," The Bankers
Magazine, May/June 1982, pp.
49-52.
- Key Words: risk,
management.
- HOE-86
Hoebeke, L.
"Computer Security --
Prevention: Lessons from the
Operation of a Nuclear Power
Plant," Computers & Security,
June 1986, pp. 122-127.
- Key Words: methods,
management.
- HOF-81
Hoffman, L.J., and
L.A. Neitzel
"Inexact Analysis of Risk,"
Computer Security Journal,
Spring 1981, pp. 61-72.
- Key Words: risk, techniques.
- HOF-85
Hoffman, L.J., and
A.F. Westin
"A Survey: Office Automation
Security and Private
Practices," Computer Security
Journal, Winter 1985, pp. 69-
76.
- Key Words: methods,
management.
- HOF-86
Hoffman, L.J.
Computer Security Risk
Analysis: Problems and
Issues, GWU-IIST-86-04, The
George Washington
University, Washington, DC,
March 1986.
- Key Words: risk,
management.
- HOF-86a
Hoffman, L.J.
"Risk Analysis and Computer
Security: Bridging the Cultural
Gap," Proc. 9th Natl. Comp.
Sec. Conf. (5: NCS-86), 1986,
pp. 156-161.
- Key Words: risk, management.
- HOF-88
Hoffman, L.J.
"A Prototype Implementation
of a General Risk Model,"
Proc. Comp. Sec. Risk Manag.
Model Builders Workshop,
1988 (2: NBS-88), pp. 135-
144.
- Key Words: risk, techniques.
- HOF-89
Hoffman, L.J.
"Smoking Out the Bad Actors:
Risk Analysis in the Age of
Microcomputer," Computers &
Security, June 1989, pp. 299-
302.
- Key Words: risk, PC,
management, techniques,
methods.
- HRU-88
Hruska, J., and K. Jackson
The PC Security Guide 88/89,
Elsevier Advanced Technology,
New York, NY, 1988.
- Key Words: PC, guidelines.
- HUT-88
Hutt, A.E., et al., (Eds.),
Computer Security Handbook,
McMillan Publishing Co., New
York, 1988.
- Key Words: book, general,
methods, techniques,
guidelines.
- IBM-84
Good Security Practices for
Dial-Up Systems, G320-0690-
0, IBM Corporation, White
Plains, NY, March 1984.
- Key Words: techniques,
methods.

- IBM-84a
Good Security Practices for Personal Computers, G320-9280-0, IBM Corporation, White Plains, NY, March 1984.

Key Words: PC, techniques.
- IBM-85
Information Systems Security: Executive Checklist, GX20-2430, IBM Corporation, White Plains, NY, 1985.

Key Words: guidelines, methods.
- IBM-86
Control Planning for Catastrophic Events in Data Processing Centers, G320-6729, IBM Corporation, White Plains, NY, 1986.

Key Words: contingency, recovery, management.
- IEE-87
Proceedings, COMPASS '87: Computer Assurance, Washington, DC, June 1987, IEEE Publishing Service, New York, 1987.

Key Words: proceedings, general.
- IEE-88
Proceedings, COMPASS '88: Computer Assurance, Gaithersburg, MD, June 1988, IEEE Publishing Service, New York, 1988.

Key Words: proceedings, general.
- IEE-89
Proceedings, COMPASS '89: 4th Annual Conference on Computer Assurance, Gaithersburg, MD, June 1989, IEEE Publishing Service, New York, 1989.

Key Words: proceedings, general.
- ISA-83
Isaacson, G.I.
"A Guide to Commercial Backup Services," Computer Security Journal, Spring 1983, pp. 51-69.

Key Words: contingency, recovery.
- JAC-81
Jacobson, R.V.
"Analyzing the Limits of Risk," Government Data Systems, Nov.-Dec., 1981, pp. 28-29.

Key Words: risk, management.
- JAC-81a
Jacobson, R.V.
"Optimizing Disaster Recovery Planning," Proceedings, Honeywell Computer Security and Privacy Symposium, April 1981, pp. 95-100.

Key Words: contingency, recovery.
- JAC-86
Jackson, C.B.
"Making Time for DP Risk Analysis," Security World, March 1986, pp. 68-70.

Key Words: risk, management.
- JAC-86a
Jackson, C.B.
"Data Processing Risk Analysis: Beneficial or Unnecessary?" ISSA Newsletter, July/August/September 1986, pp. 6-8.

Key Words: risk, management.
- JAC-88
Jacobson, R.V.
"IST/RAMP and CRITICALC: Risk Management Tools," Proc. Comp. Sec. Risk Manag. Model Builders Workshop, 1988 (2: NBS-88), pp. 73-87.

Key Words: risk, techniques, methods.
- JAE-84
Jaehne, E.M.
"Security and Productivity," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 107-111.

Key Words: management, methods.
- JAN-81
Jancura, E.G., and R. Boos
Establishing Controls and Auditing the Computerized Accounting System, Van Nostrand, New York, 1981.

Key Words: book, auditing, methods, management.
- JAR-83
Jarvis, M.
"Designing Security into the Computer Environment," Assets Protection, March/April 1983, pp. 9-12.

Key Words: management, methods.
- JOH-80
Johnson, K.P. and R.H. Jaenicke
Evaluating Internal Control: Concepts, Guidelines, Documentation, J. Wiley & Sons, New York, 1980.

Key Words: book, control, methods.
- JOH-83a
Johnson, T.W.
"Auditing DOS/VSE System Software," EDPACS, January 1983, pp. 1-14.

Key Words:
- JOH-88
Johnson, H.L., and J.D. Layne
"Modeling Security Risk in Networks," Proc. 11th Natl. Comp. Sec. Conf. (5: NCS-88), 1988, pp. 59-64.

Key Words:

JOH-88a

Johnson, H.L.
"Security Protection Based on Mission Criticality," Proc. 4th Aerospace Comp. Sec. Conf. (4: IEE-88b), 1988, pp. 228-232.

Key Words: risk, requirements.

JOS-88

Joseph, M.K., and A.A. Avizienis
"A Fault-Tolerance Approach to Computer Viruses," Proc. 1988 IEEE Symp. on Sec. & Privacy, (5: IEE-88a), pp. 52-58.

Key Words: virus, techniques.

JUD-87

Judd, T.C., and H.W. Ward, Jr.
"Return to Normalcy: Issues in Contingency Planning," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 379-383.

Key Words: contingency, recovery, management.

JUI-89

Juitt, D.
"Security Assurance Through System Management," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS089), 1989, pp. 418-422.

Key Words: methods, management.

KAR-85

Karabin, S.J.
"Data Classification for Security and Control," EDPACS, December 1985, pp. 1-20.

Key Words: guidelines, management.

KAR-88

Karrent, D.T.
"Typical System Access Control Problems and Solutions," Information Age (U.K.), January 1989, pp. 41045.

Key Words: guidelines, methods.

KEA-86

Kearby, D.B.
"Personnel Policies Procedures and Practices: Key to Computer Security," Computer Security Journal, Vol. 4, No. 1, pp. 63-68, 1986.

Key Words: policy, personnel, management, methods.

KEE-88

Keenan, T.
"Emerging Vulnerabilities in Office Automation Security," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 139-145.

Key Words: vulnerabilities.

KIN-86

Kinnon, A., and R.H. Davis
"Audit and Security Implications of Electronic Funds Transfer," Computers & Security, March 1986, pp. 17-23.

Key Words: auditing, requirements.

KNE-83

Kneeer, D.C., and J.C. Lampe
"Distributed Data Processing: Internal Control Issues and Safeguards," EDPACS, June 1983, pp. 1-14.

Key Words: control, methods.

KOB-89

Kobus, P. Jr., and G.H. Rovin
"C-Guard Computer Security Systems," Information Age, (U.K.), January 1989, pp. 41-45.

Key Words: policy, techniques.

KOC-84

Koch, H.S.
"Auditing On-Line Systems: An Evaluation of Parallel vs. Continuous and Intermittent Simulation," Computers & Security, February 1984, pp. 9-20.

Key Words: auditing, methods.

KRA-80

Krauss, L.I.
"SAFE: Security Audit and Field Evaluation for Computer Facilities and Information Systems," Amacom, New York, 1980.

Key Words: book, auditing, methods.

KUH-86

Kuhn, J.
"Research Toward Intrusion Detection Through Automated Abstraction of Audit Data," Proc. 9th Natl. Comp. Sec. Conf. (5: NCS-86), 1986, pp. 204-208.

Key Words: auditing, methods.

KUO-82

Kuong, J.F.
"Audit and Control of Computerized Systems," Management Advisory Publications, Wellesley Hills, MA, 1983.

Key Words: book, auditing, control

KUO-83

Kuong, J.F.
"Controls for Advanced/On-Line/Database Systems," Management Advisory Publications, Wellesley Hills, MA, 1983.

Key Words: book, control, general.

KUO-85

Kuong, J.F.
"What to Look for When Auditing Your Company's EDP Contingency and Recovery Plan for Business Continuity," COM-AND, Computer Audit News & Developments, September-October, 1985.

Key Words: auditing, guidelines, contingency, recovery.

KUO-85a

Kuong, J.F.
"Evolution of Information Processing Technology, and Deficiencies in the Present Internal Control Methodologies," COM-AND, Computer Audit News & Developments, November-December, 1985.

Key Words: control, methods.

KUO-86

Kuong, J.F.
"Reducing Your Audit Risk Level and Improving Audit Option Reliability when Auditing Computer Based Systems," COM-AND, Computer Audit News & Developments, January-February, 1986.

Key Words: auditing, risk, methods.

KUO-86a

Kuong, J.F.
"Towards a Unified View to the Building and Assessing of Internal Control in Computerized Systems," COM-AND, Computer Audit News & Developments, March-April, 1986.

Key Words: control, policy.

KUO-86b

Kuong, J.F.
"What Are EDP Audit Test Objectives, and How to Develop Them," COM-AND, Computer Audit News & Developments, July-August, 1986.

Key Words: auditing, policy, methods, management.

KUO-86c

Kuong, J.F.
"Pinpointing Areas of High Exposure for Effective Safeguards," COM-SAC, Computer Security, Auditing & Controls, Volume 13, No. 1, 1986, pp. A1-A4.

Key Words: risk, vulnerabilities, methods, management.

KUO-88

Kuong, J.F.
"Computer Viruses: Should the Audit and Security Professional Be Concerned?," COM-AND, Computer Audit News and Developments, No. 3, 1988, pp. 1-4.

Key Words: virus, auditing, threats.

KUO-89

Kuong, J.F.
"Test Approaches and Techniques for Testing EDP Disaster Recovery Provisions," COM-AND, Computer Audit News and Developments, No. 2, 1989, pp. 1-7.

Key Words: contingency, recovery, management.

KUR-86

Kurzban, S.A.
"Computer System Defenses" ACM Security, Audit & Control Rev., Winter 1986, pp. 1-27.

Key Words: methods, techniques.

LAN-85

Lane, V., and J. Step
"The Formidable - If Not Insurmountable - Organizational Problems in Disaster Recovery Planning," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 361-369.

Key Words: contingency, recovery, management.

LAP-86

Lapid, Y., N. Ahituv, and S. Neumann
"Approaches to Handling 'Trojan Horse' Threats," Computers & Security, September 1986, pp. 251-256.

Key Words: threats, techniques.

LEC-83

Lechter, M.A.
"Protecting Software and Firmware Development," IEEE Computer, September 1983, pp. 73-82.

Key Words: methods, management.

LEE-88

Lee, W.
"Automation of Internal Control Evaluation," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 391-406.

Key Words: control, management.

LIT-81

Litecky, C.R., and L.E. Rittenberg
"The External Auditor's Review of Computer Controls," Communications of the ACM, May 1981, pp. 289-295.

Key Words: auditing, controls.

- LOB-80
Lobel, J.
"Risk Analysis in the 1980s," Proceedings, 1980 National Computer Conference, AFIPS Press, Reston, VA, 1980, pp. 831-836.
- Key Words: risk, management.
- LOB-89
Lobel, J.
"Managing Information Security in the Space Age," Information Age (U.K.), September 1989, pp. 195-198.
- Key Words: management, policy.
- LOT-80
Lott, R.W.
"Auditing the Data Processing Functions," Amacom, New York, 1980.
- Key Words: auditing, methods.
- LUN-89
Lunt, T.F.
"Real Time Intrusion Detection," Proceedings, IEEE Compeon Spring, 1989, pp. 348-353.
- Key Words: methods, techniques.
- MAL-83
Malvik, C.
"Security and the Home Computer," Information Age (UK), April 1983, pp. 87-90.
- Key Words: requirements, PC.
- MAR-83
Mar, S.
"Long Range Planning for EDP Audits," COM-SAC: Computer Security, Auditing, and Control, January 1983, pp. A1-A8.
- Key Words: auditing, management.
- MAR-84
Mar, S.
"EDP Security & EDP Audit Team Work," COM-SAC, Computer Security, Auditing and Control, January 1984, pp. A1-A4.
- Key Words: auditing, methods.
- MAU-84
Maude, T., and D. Maude
"Hardware Protection Against Software Piracy," Communications of the ACM, September 1984, pp. 950-959.
- Key Words: software piracy.
- MAY-87
Mayerfield, H.N., et al.
"M2 RX: Model Based Risk Assessment Expert," AIAA No. 87-3080, Proc. 3d Aerosp. Comp. Sec. Conf. (5: IEE-87b), 1987, pp. 87-92.
- Key Words: risk, management.
- MCA-89
McAfee, J.D.
"Managing the Virus Threat," Computerworld, February 13, 1989, pp. 89-96.
- Key Words: virus, threats, management.
- MCC-85
McCormack, W.G., III
"The Audit of EDP Backup," EDPACS, November 1985, pp. 1-5.
- Key Words: auditing, contingency.
- MEN-85
Menkus, B.
"The EDP Auditor's Role in Computer Security," Computers & Security, June 1985, pp. 135-138.
- Key Words: auditing, methods.
- MEN-85a
Menkus, B.
"The Impacts of the Bell System Breakup on DP Disaster Recovery Planning," Computers & Security, September 1985, pp. 219-222.
- Key Words: contingency, recovery, management.
- MEY-83
Meyer, M.M.
"Checking References: It's Worth the Investment," Security Management, March 1983, pp. 10+.
- Key Words: personnel, methods, management.
- MIC-83
"Microcomputers: A Checklist of Security and Recovery Considerations," Assets Protection, May/June 1983, pp. 15-16.
- Key Words: guidelines, PC.
- MIG-87
Migues, S.
"A Guide to Effective Risk Management," AIAA No. 87-3078, Proc. 3d Aerospace Comp. Sec. Conf. (5: IEE-87b), 1987, pp. 66-86.
- Key Words: risk, guidelines.
- MIL-85
Miller, J.E.
"Transaction Controls: Steps to Take After the Equipment Has Been Secured," Computers & Security, June 1985, pp. 139-141.
- Key Words: control, guidelines.
- MOE-88
Moeller, R.
"Considering Security when Auditing Applications Under Development," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 245-262.
- Key Words: auditing, methods.

MOL-84

Molnar, L.
"Disaster Recovery Testing,"
EDPACS, November 1984,
pp. 1-6.

Key Words: contingency,
recovery.

MOR-81

Morrison, R.M.
"Advanced Audit Concepts
for A Distributed System,"
Proceedings, Honeywell
Security and Privacy
Symposium, April 1981, pp.
119-127.

Key Words: auditing,
methods.

MOU-84

Moulton, R.T.
"Data Security Is A
Management Responsibility,"
Computers & Security,
February 1984, pp. 3-8.

Key Words: management,
policy.

MOU-84a

Moulton, R.T.
"A Practical Approach to
System Security Devices,"
Computers & Security, May
1984, pp. 93-100.

Key Words: techniques,
methods.

MOU-86

Moulton, R.T.
Computer Security Handbook:
Strategies and Techniques for
Preventing Data Loss or
Theft, Prentice-Hall, Inc.
Englewood Cliffs, NJ, 1985

Key Words: book, guidelines,
techniques, methods.

MUR-80

Murray, W.H.
"Good Security Practices,"
EDPACS, October 1980, pp.
1-6.

Key Words: methods,
techniques.

MUR-81

Murray, J.P.
"Protecting Corporate Data
with Off-Site Vault Storage,"
Computerworld, March 16,
1981, pp. ID/1-ID/24.

Key Words: contingency,
recovery.

MUR-82

Murray, J.P.
"Contingency Planning,"
Computerworld, May 10,
1982, pp. ID/36-ID/44.

Key Words: contingency,
recovery.

MUR-83

Murray, W.H.
"Good Computer Security
Practices for Two Areas of
Current Concern: Personal
Computers and Dial-Up
Systems," Computer Security
Journal, Fall/Winter 1983, pp.
77-88.

Key Words: techniques,
methods, PC.

MUR-83a

Murray, W.H.
"Computer Security:
Observations on the State of
the Technology," Computers
& Security, January 1983, pp.
16-23.

Key Words: techniques,
methods.

MUR-84

Murray, J.P.
"Surviving (and Profiting
from) the Audit: Manager's
View," Computerworld,
September 24, 1984, pp.
ID/13-23.

Key Words: auditing,
management.

MUR-84a

Murray, W.H.
"Security Considerations for
Personal Computers," IBM
Systems Journal, Vol. 23, No.
3, 1983, pp. 297-304.

Key Words: requirements, PC.

NAN-86

Nancekivell, B.D.
"Auditing IBM System/38
Security," EDPACS, January
1986, pp. 1-10.

Key Words: auditing, methods.

NBS-81

Guidelines for ADP
Contingency Planning, FIPS
PUB 87, National Bureau of
Standards, Gaithersburg, MD,
27 March 1981.

Key Words: contingency,
recovery, guidelines.

NBS-83

Guidelines for Life Cycle
Validation, Verification and
Testing of Computer Software,
FIPS PUB 101, National
Bureau of Standards,
Gaithersburg, MD, 1983.

Key Words: guidelines,
software.

NBS-83a

Guidelines for Computer
Security Certification and
Accreditation, FIPS PUB 102,
National Bureau of Standards,
Gaithersburg, MD, September
27, 1983.

Key Words: guidelines,
methods, certification.

NBS-88

Proceedings, 1988 Computer
Security Risk Management
Model Builders Workshop,
National Bureau of Standards
et al., Denver, CO, May 24-
26, 1988

Key Words: proceedings, risk.

NES-85

Nesbit, I.S.
"On Thin Ice: Micros and
Data Integrity," Datamation,
November 1, 1985, pp. 80-84.

Key Words: integrity, PC.

- NEU-82
Neugent, W.
"Acceptance Criteria for
Computer Security,"
Proceedings, 1982 National
Computer Conference, AFIPS
Press, Reston, VA, 1982, pp.
441-448.
- Key Words: guidelines,
methods.
- NOL-85
Nolan, M.
"Disaster Recovery for
Online Systems," Proc.
IFIP/Sec. '84, Toronto, 1984,
(2: FIN-85), pp. 163-174.
- Key Words: contingency,
recovery.
- ORL-88
Orlandi, E.
"Computer Security:
Operational or Investment
Cost," Proc. IFIP/Sec. '88,
Australia, 1989, (2: CAE-89),
pp. 381-390.
- Key Words: management,
methods.
- OTW-89
Otwell, K., and B. Aldridge
"The Role of Vulnerability in
Risk Management," Proc. 5th
Security Applicat. Conf., (4:
IEE-89c), 1989, pp. 32-38.
- Key Words: vulnerabilities,
risk.
- PAR-81
Parker, D.B.
Computer Security
Management, Reston
Publishing Co., Reston, VA,
1981.
- Key Words: book, risk,
management.
- PAR-84
Parker, D.B.
"Safeguard Selection
Principles," Computers &
Security, May 1984, pp. 81-
92.
- Key Words: guidelines,
methods.
- PAS-86
Passori, A.
"Contingency Planning
Options Protect Corporate
Data Assets," Computerworld,
January 27, 1986, pp. 73-74.
- Key Words: contingency,
recovery, management,
methods.
- PED-86
Pedigo, J.
"Disaster Recovery: Making
Plans That Could Save Your
Company," Computerworld,
May 12, 1986, pp. 49-60.
- Key Words: contingency,
recovery, management.
- PER-80
Perry, W.E.
Controls in Data Base
Environment, Q.E.D.
Information Systems,
Wellesley Hills, MA, 1980.
- Key Words: book, control,
database.
- PER-80a
Perry, W.E.
How to Test Internal Control
and Integrity in Computerized
Systems, Management
Advisory Publications,
Wellesley Hills, MA, 1980.
- Key Words: book, control,
integrity.
- PER-80b
Perry, W.E.
Selecting ADP Audit Areas,
EDP Auditors Foundation,
Altamonte Springs, FL, 1980.
- Key Words: auditing,
guidelines.
- PER-80c
Management Guide to
Computer Security, J. Wiley
& Sons, New York, 1980.
- Key Words: book, guidelines,
methods.
- PER-81
Perley, E.H.
"Optimizing the EDP Security
Function," EDPACS, April
1981, pp. 1-11.
- Key Words: management,
policy.
- PER-81a
Perry, W.E.
Computer Control and
Security, J. Wiley & Sons,
New York, 1981.
- Key Words: book, control,
methods.
- PER-82
Perry, W.E.
"Developing Computer
Security and Control Strategy,"
Computers & Security, January
1982, pp. 17-26.
- Key Words: control,
management.
- PER-82a
Perry, W.E. and J.F. Kuong
EDP Risk Analysis and
Controls, Management
Advisory Publications,
Wellesley Hills, MA, 1982.
- Key Words: book, risk,
controls.
- PER-82b
Perry, W.E., and J.F. Kuong
Effective Computer Audit
Practices -- ECAP Manual,
Management Advisory
Publications, Wellesley Hills,
MA, 1982.
- Key Words: book, auditing,
methods.

PER-82c

Perry, W.E., and J.F. Kuong
Generalized Computer Audit Software: Selection and Application, Management Advisory Publications, Wellesley Hills, MA, 1982.

Key Words: book, auditing, software, guidelines, methods.

PER-82d

Perry, W.E. and J.F. Kuong
How to Test Internal Control and Integrity in Computerized Systems, Management Advisory Publications, Wellesley Hills, MA, 1982.

Key Words: book, control, guidelines.

PER-83

Perry, W.E.
Ensuring Data Base Integrity, J. Wiley & Sons, New York, 1983.

Key Words: book, integrity, methods.

PHE-86

Phelps, N.L.
"Top Management's Role in Disaster Recovery," Data Processing & Communications Security, Summer 1986, pp. 16-19.

Key Words: contingency, recovery, policy, management.

PIC-84

Pickard, W.V.
"EDP Benefits Control -- A Management Function," EDPACS, February 1984, pp. 1-5.

Key Words: control, management, policy.

POR-81

Porter, W.T., and W.E. Perry
EDP Controls and Auditing, 3d Ed., Kent Publishing, Boston, MA, 1981.

Key Words: book, auditing, methods, control, techniques.

PRA-85

Prause, P.N., and G.I. Isaacson
"Protecting Personal Computers: A Checklist Approach," Computer Security Journal, Winter 1985, pp. 13-24.

Key Words: guidelines, PC.

PRE-89

Preston, C.M.
"Artificial intelligence Applied to Information System Security," Information Age (U.K.), September 1989, pp. 217-221.

Key Words: methods, techniques.

PRI-80

Prichard, J.
"Computer Security and Unionization," Information Privacy (UK), March 1980, pp. 69-74.

Key Words: personnel, management.

PRI-84

Prigge, E.
"Security and Integrity Issues in End-User Computing," Computer Security, Auditing & Controls, October 1984, pp. A7+.

Key Words: awareness, requirements, integrity.

PRU-86

Pryijm, R.A.M.
"The Audit of Software Maintenance," EDPACS, August 1986, pp. 1-5.

Key Words: auditing, software.

PWA-84

Managing Computer Risks: A Guide for the Policymaker, Price Waterhouse, Inc., 1984.

Key Words: book, risk, threats, management, guidelines.

QUA-89

Quant, H.
"Virus vs. Vaccine," Information Age, April 1989, pp. 138-143.

Key Words: virus, techniques.

RAO-89

Rao, K.N.
"Security Audit for Embedded Avionics Systems," Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 78-84.

Key Words: auditing, methods.

RAT-84

Rattner, J.
"Security Controls in a Manufacturing Applications System," TeleSystems Journal, March/April 1984, pp. 33-37.

Key Words: controls, methods.

RCM-82

EDP Threat Assessment Concepts and Planning Guide, SIP No.2, Royal Canadian Mounted Police, Ottawa, January 1982.

Key Words: book, guidelines, threats, risk.

RIC-86

Richards, R.M., and J. Yestingsmeier
"Risk Management -- A Key to Security in Electronic Funds Transfer Systems," Computers & Security, June 1986, pp. 135-140.

Key Words: risk, management, methods.

RID-86

Riddle, C., and J. Austin
"Updating Security, Auditing and Quality Assurance -- The Dedicated On-Line Computer Security Monitor," COM-SAC, Computer Security, Auditing & Controls, Volume 13, No. 1, 1986, pp. A5-A6.

Key Words: auditing, methods.

ROB-83

Roberts, M.B.
EDP Controls: A Guide for
EDP Auditors and
Accountants, J. Wiley &
Sons, New York, 1983.

Key Words: book, auditing.

ROD-81

Rodgers, G.L.
"Auditor's Watchdog Role in
Computer Fraud,"
Commercial Law Journal,
May 1981, pp. 172-178.

Key Words: auditing, crime.

RUB-85

Rubin, H.
"Patient Auditing with Potent
Results," Security Audit &
Control Review, Winter
1985, pp. 4-9.

Key Words: auditing,
methods.

RUL-80

Rullo, T.A. (Ed.)
Advances in Computer
Security Management, Vol. 1,
Heyden & Son, Philadelphia,
1980.

Key Words: book,
management.

RUT-80

Ruthberg, Z.G. (Ed.)
Audit and Evaluation of
Computer Security II: System
Vulnerabilities and Controls
Workshop Report, SP 500-57,
National Bureau of Standards,
Gaithersburg, MD, April
1980.

Key Words: proceedings,
auditing.

RUT-84

Ruthberg, Z.G., and
W. Neugent
Overview of Computer
Security Certification and
Accreditation, SP 500-109,
National Bureau of Standards,
Gaithersburg, MD, April
1984.

Key Words: certification,
methods.

RUT-86

Ruthberg, Z., and
B. Fisher (Eds.)
Work Priority Scheme for
EDP Audit and Computer
Security NBSIR 86-3386,
National Bureau of Standards,
Gaithersburg, MD, March
1986.

Key Words:

SAA-89

Saari, J., and D.B. Parker
"New Baseline Methodology
Applied to Reviewing Security
Experiences from USA and
Finland," Information Age
(U.K.), September 1989, pp.
195-198.

Key Words: awareness,
methods, international.

SAR-81

Sardinas, J.L., Jr., et al.
EDP Auditing Primer, J.
Wiley & Sons, New York,
1981.

Key Words: book, auditing.

SAR-82

Sardinas, J.L., and
R.J. Asebrook
"Bridging the Gap Between
DP Professionals and
Auditors," Computer Security
Journal, Winter 1982, pp. 91-
97.

Key Words: auditing,
personnel.

SCH-80

Schweitzer, J.A.
"Policy Structure Gives the
Basis for An Effective Security
Program," Security
Management, December 1980,
pp. 18-25.

Key Words: policy,
management.

SCH-80a

Schweitzer, J.A.
"Personal Computing and Data
Security," Security World, June
1980, pp. 30-35.

Key Words: guidelines, PC.

SCH-81

Schweitzer, J.A.
"Computing Security Risk
Analysis -- Is It Worth It?,"
Security Management, August
1981, pp. 104-106.

Key Words: risk, management.

SCH-82

Schweitzer, J.A.
Managing Information Security
-- A Program for the
Electronic Information Age,
Butterworth, Woburn, MA,
1982.

Key Words: book, policy,
management, methods.

SCH-82a

Schmitt, W.R.
"Data Security Program
Development: An Overview,"
Computer Security Journal,
Winter 1982, pp. 23-29.

Key Words: policy,
management.

SCH-83

Schweitzer, J.A.
Protecting Information in the
Electronic Workplace: A Guide
to the Managers, Reston
Publish., Reston, VA, 1983.

Key Words: book, guidelines,
methods, management.

SCH-83a

Schmidt, P.
"Evaluating Backup
Services," Data Mangement,
July 1983, pp. 30+.

Key Words: contingency,
recovery.

SCH-84

Schweitzer, J.A.
"Personal Workstation
Automation Security
Vulnerabilities," Computers &
Security, February 1984, pp.
21-28.

Key Words: vulnerabilities,
PC.

SHA-82

Shaw, J.K., and S.W. Katzke
Executive Guide to ADP
Contingency Planning, SP
500-85, National Bureau of
Standards, Gaithersburg, MD,
January 1982.

Key Words: contingency,
guidelines, recovery,
management.

SIL-83

Silverman, M.E.
"Contingency Planning: The
Backup Site Decision,"
Computer Security Journal,
Spring 1983, pp. 43-50.

Key Words: contingency,
recovery, management,
methods.

SIZ-89

Sizer, R.
"Computer Security -- A
Pragmatic Approach for
Managers," Information Age
(U.K.), January 1989, pp. 88-
97.

Key Words: policy,
management guidelines.

SKU-84

Skundra, V.J., and
F.J. Lackner
"The Implementation of
Concurrent Audit Techniques
in Advanced EDP Systems,"
EDPACS, April 1984, pp. 1-
10.

Key Words: auditing,
techniques.

SMI-80

Smith, J.E.
"Risk Management for Small
Computer Installations," in
Rullo, T.A. (Ed.), Advances
in Computer Security
Management, Vol. 1, Heyden,
Philadelphia, 1980, pp. 3-32.

Key Words: risk,
management, methods.

SNO-84

Snow, M.
"The First-Time EDP Audit,"
EDPACS, February 1984, pp.
6-8.

Key Words: auditing,
guidelines.

SNO-87

Snow, D., and R.J. Aguilar
"A Mission Driven Process
for the Risk Management of
ADP Systems," AIAA No.
87-3077, Proc. 3d Aerospace
Comp. Sec. Conf., (5: IEE-
87b), 1987, pp. 184-154.

Key Words: risk,
management, techniques,
methods.

SOB-84

Sobol, M.I.
"Data Communications Primer
for Auditors," EDPACS,
March 1984, pp. 1-5.

Key Words: auditing,
networks, methods.

SOC-83

Socha, W.J.
"The Auditor's Own
Microcomputer," EDPACS,
December 1983, pp. 5-15.

Key Words: auditing, methods,
PC.

SRI-81

Srinivasan, C.A., and
P.E. Dascher
"Computer Security and
Integrity: Problems and
Prospects," Infosystems, May
1981, pp. 116-123.

Key Words: awareness,
integrity, requirements,
methods.

STC-83

St.Clair, L.
"Security for Small Computer
Systems," EDPACS, November
1983, pp. 1-10.

Key Words: awareness,
methods, PC.

STE-84

Steinauer, D.D.
"Security of Personal
Computers: A Growing
Concern," Computer Security
Journal, Summer 1984, pp. 33-
42.

Key Words: awareness, PC,
methods, requirements, policy.

STO-80

Stokel, K.J.
"How to Audit Library Control
Software," EDPACS, May
1980, pp. 1-10.

Key Words: auditing,
guidelines.

STR-82

Streeter, B.
"People, More than the
Technology Are Still Key to
EFT Security," ABA Banking
Journal, July 1982, pp. 32-37.

Key Words: personnel, threats.

- TAL-81
Talbot, J.R.
Management Guide to Computer Security, Halsted Press/J. Wiley & Sons, New York, 1981.
- Key Words: book, management, guidelines.
- TEA-84
Teas, H.
"Self-Audit of Microcomputer Controls," EDPACS, December 1984, pp. 1-6.
- Key Words: auditing, PC, methods.
- TIN-89
Ting, T.C.
"Application of Information Security Semantics: A Case of Mental Health Delivery," Proc. IFIP WG 11.3 (Data base) Workshop (6: IFI-89), 1989.
- Key Words: methods, database.
- TOD-89
Todd, M.A., and C. Guitian
Computer Security Training Guidelines, SP 500-172, National Institute of Standards and Technology, Gaithersburg, MD, November 1989.
- Key Words: awareness, guidelines.
- TOI-87
Toigo, J.W.
Disaster Recovery Planning: Managing Risk and Catastrophe in Information Systems, Yourdan Press, Englewood Cliffs, NJ, 1987
- Key Words: risk, recovery.
- TOM-86
Tomkins, F.G., and R. Rice
"Integrating Security Activities into the Software Development Life Cycle and the Software Quality Assurance Process," Computers & Security, September 1986, pp. 218-242.
- Key Words: management, software.
- TOP-84
Toppen, R.
"Infinite Confidence: The Audit of Communication Networks" Computers & Security, November 1984, pp. 303-313.
- Key Words: auditing, networks.
- TRO-84
Troy, G.
"Thwarting the Hackers," Datamation, July 1, 1984.
- Key Words: hackers, techniques.
- TRO-86
Troy, E.F.
Security for Dial-Up Lines, SP 500-137, National Bureau of Standards, Gaithersburg, MD, 1986.
- Key Words: techniques, network.
- VAN-85
van Eck, W.
"Electromagnetic Radiation from Video Display Units: An Eavesdropping Risk?," Computers & Security, December 1985, pp. 269-286
- Key Words: threats, vulnerabilities.
- VAN-87
Van Meter, S.D., and J.D. Veatch
"Space Station Program Threat and Vulnerability Analysis," AIAA No. 87-3082, Proc. 3d Aerospace Comp. Sec. Conf., (5: IEE-87b), 1987, pp. 104-107.
- Key Words: threats, vulnerabilities.
- VDB-84
vd Berg, B., and H. Leenaars
"Advanced Topics on Computer Center Auditing," Computers & Security, October 1984, pp. 171-185.
- Key Words: auditing, methods.
- VOU-88
Voutilainen, R.
"Experience in the Use of the SBA Vulnerability Analysis for Improving Computer Security in Finland," Proc. IFIP/Sec. '88, Australia, 1988, (2: CAE-89), pp. 263-271.
- Key Words: risk, international.
- WAC-89
Wack, J.P., and L.J. Carnahan
Computer Viruses and Related Threats: A Management Guide, SP 500-166, National Institute of Standards and Technology, Gaithersburg, MD, August 1989.
- Key Words: viruses, guidelines.
- WAD-82
Wade, J.R.
"The Basics of EDP Risk Assessment," Security Management, March 1982, pp. 56-70.
- Key Words: risk, management.
- WAI-84
Wainwright, O.O.
"Security Management of the Future," Security Management, March 1984, pp. 47-51.
- Key Words: management, policy.

- WAR-81
Wardlaw, J.
"Pattern Matching for EDP Auditors," EDPACS, March 1981, pp. 1-12.
- Key Words: auditing, techniques.
- WAR-83
Warren, A.D.
"Evaluating Risks of Computer Fraud and Error," Computers & Security, June 1983, pp. 231-143.
- Key Words: risks, techniques.
- WAR-83a
Ward, G.
"Micros Pose Mainframe Size Security Problems," Data Mangement, July 1983, pp. 38+
- Key Words: vulnerabilities, PC.
- WAR-84
Ward, G.M, and R.D. Paterson
"Surviving (and Profiting from) the Audit: Auditors View," Computerworld, September 24, 1984, pp. ID/13-18.
- Key Words: auditing, management.
- WAR-84a
Warren, A.
"Auditing Computer Systems," Information Resource Management, (UK), March 1984, pp. 36-39.
- Key Words: auditing, methods.
- WAR-86
Ward, G.M., and J.D. Harris
Managing Computer Risk: A Guide for the Policymaker, J. Wiley & Sons, Inc., 1986.
- Key Words: book, risk, methods, guidelines, management.
- WEB-81
Weber, R.
EDP Auditing: Conceptual Foundations and Practice, McGraw-Hill, Highstown, NJ, 1981.
- Key Words: book, auditing, methods, techniques, management.
- WHI-89
White, S.R. and D.M. Chess
Coping with Computer Viruses and Related Problems, RC 14405, IBM Thomas J. Watson Research Center, Yorktown, NY, January 30, 1989
- Key Words: viruses, guidelines.
- WIE-86
Wiesand, C.G.
"An Audit Approach to Microcomputers," EDPACS, May 1986, pp. 1-18.
- Key Words: auditing, methods, PC.
- WIL-84
Wilkes, M.V.
"Security Management and Protection: A Personal Approach," The Computer Journal (UK), February 1984, pp. 3-7.
- Key Words: management, policy, methods, guidelines.
- WIN-83
Winters, C.M.
"Auditing Data Communications Networks," EDPACS, August 1983, pp. 1-9.
- Key Words: auditing, networks.
- WIN-89
Winkler, J.R., and W.J. Page
"Intrusion and Anomaly Detection in Trusted Systems," Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 39-45.
- Key Words: auditing, threats, methods, techniques.
- WOD-88
Woda, A.
"Ensuring Reliability and Integrity of Data in EDP Application Systems," COM-SAC, Computer Sec. Auditing & Control, No. 2, 1988, pp. A1-A6.
- Key Words: integrity, methods.
- WOF-83
Wofsey, M.M. (Ed.)
Advances in Computer Security Management, Vol. 2, J. Wiley & Sons, New York, 1983.
- Key Words: book, general, methods, management, techniques.
- WON-85
Wong, K.
"Computer Crime -- Risk Management and Computer Security," Computers & Security, December 1985, pp. 287-295.
- Key Words: crime, risk, methods, management.
- WON-86
Wong, K.
"The Risks Involved in Computerization," The Computer Law and Sec. Report, March-April 1986, pp. 15-18.
- Key Words: threats, risks, laws.

WON-86a

Wong, K.
"Effective Computer Security
Management," EDPACS, July
1986, pp. 7-10.

Key Words: management,
methods.

WOO-83

Wood, C.C.
"Enhancing Information
Security with the Information
Resource Management
Approach," Computers &
Security, November 1983, pp.
223-229.

Key Words: management,
methods.

WOO-84

Wood, M., and T. Elbra
System Design for Data
Protection, National
Computer Centre (UK), J.
Wiley & Sons, Chichester,
1984.

Key Words: book,
techniques.

WOO-85

Wood, C.C.
"Floppy Diskette Security
Measures," Computers &
Security, September 1985, pp.
223-228.

Key Words: techniques, PC.

WOO-86

Wood, C.C.
"Establishing Internal
Technical System Security
Standards," Computers &
Security, June 1986, pp. 193-
200.

Key Words: policy,
guidelines, management.

WOO-86a

Wood, C.C.
"Quantitative Risk Analysis
and Information System
Security," Data Processing &
Communications Security,
Winter 1986, pp. 8-11.

Key Words: risk, techniques.

WOO-87

Wood, C.C., et al.
Computer Security: A
Comprehensive Controls
Checklist, J. Wiley & Sons,
Somerset, NJ, 1987

Key Words: book, controls,
methods, guidelines.

WYS-84

Wysong, E.M., and I. DeLotto
Information Systems Auditing.
Proceedings, International
Conference, Milan, 1983,
North-Holland, Amsterdam,
1984.

Key Words: proceedings,
auditing, methods,
management.

YAR-84

Yarberry, W.A.
"Managing the EDP Audit
Function - A Practical
Approach," EDPACS, May
1984, pp. 6-8.

Key Words: auditing,
management, personnel.

YAR-84a

Yarberry, W.A.
"Auditing the Change Control
System," EDPACS, June 1984,
pp. 1-5.

Key Words: auditing, methods,
techniques.

YAR-84b

Yarberry, W.A.
"Audit Software: Eliminating
the Middle Man," EDPACS,
September 1984, pp. 1-4.

Key Words: auditing, software,
methods.

3. Foundations

This section cites publications that emphasize fundamental principles, concepts, and models of computer security.

ADK-89

Adkins, M.M., et al.
"The Argus Security Model,"
Proc. 12th Natl. Comp. Sec.
Conf., (5: NCS-89), 1989,
pp. 123-134.

Key Words: models,
description.

BAD-89

Badger, L.
"A Model for Specifying
Multi-Granularity in Integrity
Policies," Proc. 1989 IEEE
Symp. on Sec. & Privacy, (5:
IEE-89b), pp. 269-277.

Key Words: models,
integrity, policy.

BEL-88

Bell, D.E.
"Concerning 'Modeling' of
Computer Security," Proc.
1988 IEEE Symp. on Sec. &
Privacy, (5: IEE-88a), pp. 8-
13.

Key Words: modeling,
theory, policy.

BEL-88a

Bell, D.E.
"Security Policy Modeling for
the Next-Generation Packet
Switch," Proc. 1988 IEEE
Symp. on Sec. & Privacy, (5:
IEE-88a), pp. 212-216.

Key Words: models, policy,
network.

BEN-89

Benson, G., W. Appelbe, and
I. Akyildiz
"The Hierarchical Model of
Distributed Systems Security,"
Proc. 1989 IEEE Symp. on
Sec. & Privacy, (5: IEE-89b),
pp. 194-203.

Key Words: model,
hierarchical, network.

BER-87

Berry, D.M.
"Towards a Formal Basis for
the Formal Development
Method and the InaJo
Specification Language," IEEE
Trans. on Software Engr.,
February 1987, pp. 184-200.

Key Words: formal,
specification.

BIS-81

Bishop, M.
"Hierarchical Take-Grant
Systems," Proceedings, 8th
ACM Symposium on
Operating System Principles,
December 1981, pp. 109-122.

Key Words: models, take-
grant.

BIS-88

Bishop, M.
"Theft of Information in the
Take-Grant Protection Model,"
Proc. Comp. Sec. Foundat.
Workshop, 1988, (3: CSF-88),
pp. 194-218.

Key Words: models, take-
grant.

BIS-89

Bishop, M.
"A Model of Security
Modeling," Proc. 5th Security
Applicat. Conf., (4: IEE-89c),
1989, pp. 46-52

Key Words: models, theory.

BOE-84

Boebert, W.E.
"On the Inability of an
Unmodified Capability
Machine to Enforce the -
Property," Proc. 7th Seminar,
DoD Comp. Sec. Progr., (5:
DOD-84), 1984, pp. 291-293.

Key Words: models, capability,
MLS

BOE-85

Boebert, W.E., and R.Y. Kain
"A Practical Alternative to
Hierarchical Integrity Policies,"
Proc. 8th National Comp. Sec.
Conf., (5: NCS-85), 1985, pp.
18-27.

Key Words: policy, integrity,
methods.

BOE-85a

Boebert, W.E., and
C.T. Ferguson
"A Partial Solution to the
Discretionary Trojan Horse
Problem," Proc. 8th Natl.
Comp. Sec. Conf., (5: NCS-
85), 1985, pp. 141-144.

Key Words: discretionary,
method.

BOE-86

Boebert, W.E., R.Y. Kain, and
W.D. Young
"The Extended Matrix Model
of Computer Security," ACM
Software Engr. Notes, August
1985, pp. 119-125.

Key Words: models, technique.

- BOS-89
Boshoff, W.H., and
S.H. von Solms
"A Path Context Model for
Addressing Security in
Potentially Non-Secure
Environments," Computers &
Security, August 1989, pp.
417-425.
- Key Words: models, policy,
methods.
- BOT-83
Bottom, N.R. Jr.
"An Informational Theory of
Security," Computers &
Security, November 1983, pp.
275-280.
- Key Words: models, theory.
- BRE-89
Brewer, D.F.C., and
M.J. Nash
"The Chinese Wall Security
Policy," Proc. 1989 IEEE
Symp. on Sec. & Privacy, (5:
IEE-89b), pp. 206-214.
- Key Words: models, policy,
theory.
- BUD-83
Budd, T.A.
"Safety in Grammatical
Protection Systems,"
International Journal of
Computer and Information
Sciences, Vol. 12, No. 6,
1987, pp. 413-431.
- Key Words: models, policy,
safety.
- BUR-88
Burrows, M., R. Needham,
and M. Abadi
"Authentication: A Practical
Study in Belief and Action,"
Proceedings, 2nd Conference
on Theoretical Aspects of
Reasoning About Knowledge,
Morgan Kaufmann
Publishers, Los Altos, CA,
1988, pp. 325-342.
- Key Words: proceedings,
theory, authentication,
methods.
- BUR-89
Burrows, M., M. Abadi, and
R. Needham
"A Logic of Authentication,"
ACM Operating Systems
Review, December 1989, pp.
1-13.
- Key Words: authentication,
theory.
- CAR-84
Carroll, J.M.
"Intractable Problems in
Computer Security,"
Transnational Data Report,
December 1984, pp. 472- 474.
- Key Words: theory, models,
policy.
- CHE-88
Cheng, P.-C. and V.D.Cligor
"A Model for Secure
Distributed Computation in
Heterogenous Environment,"
Proc. 4th Aerospace Comp.
Sec. Conf., (4: IEE-88b),
1988, pp. 233-241.
- Key Words: model, networks.
- CLA-87
Clark, D.D., and D.R. Wilson
"A Comparison of
Commercial and Military
Computer Security Policies,"
Proc. 1987 IEEE Symp. on
Sec. & Privacy, (5: IEE-87a),
pp. 184-194.
- Key Words: models, policy,
integrity.
- CLA-88
Clark, D.D. and D.R. Wilson
"Evolution of a Model for
Computer Integrity,"
Postscript, 11th Natl. Comp.
Sec. Conf., (5: NCS-88a),
1988, pp. 14-27.
- Key Words: models, integrity.
- COH-89
Cohen, F.
"Models of Practical Defenses
Against Computer Viruses,"
Computers & Security, April
1989, pp. 149-160.
- Key Words: models, virus,
methods.
- CSF-88
Proceedings, The Computer
Security Foundations
Workshop, Franconia, NH,
June 1988, Report M88-37,
The Mitre Corporation,
October 1988.
- Key Words: proceedings,
models, theory, methods.
- DAS-89
Dasher, D.N.
"Modular Presentation of
Hardware: Bounding the
Reference Monitor Concept,"
Proc. 12th Natl. Comp. Sec.
Conf., (5: NCS-89), 1989, pp.
591-600.
- Key Words: models, methods,
MLS.
- DIO-81
Dion, L.C.
"A Complete Protection
Model," Proc. 1981 IEEE
Symp. on Sec. & Privacy, (5:
IEE-81), pp. 49-55.
- Key Words: models, theory.
- DIV-88
DiVito, B.L.
"Derived Information
Sensitivity as a Modeling
Technique," Proc. Comp. Sec.
Foundat. Workshop, 1988, (3:
CSF-88).
- Key Words: models,
techniques.

DOB-89

Dobson, J.E., and
J.A. McDermid
"A Framework for Expressing
Models of Security Policy," Proc. 1989 IEEE Symp. on
Sec. & Privacy, (5: IEE-89b),
pp. 229-239.

Key Words: models,
methods, general.

DOB-89a

Dobson, J.
"Conversational Structures as
a Means of Specifying
Security Policy," Proc. IFIP
WG 11.3 (Data Base)
Workshop, (6: IFI-89), 1989.

Key Words: specification,
methods.

ELO-85

Eloff, J.H.P.
"The Development of a
Specification Language for a
Computer Security System,"
Computers & Security, June
1985, pp. 143-147.

Key Words: specification,
methods.

FIN-89

Fine, T., et al.
"Noninterference and
Unwinding in LOCK," Proc.
Comp. Sec. Foundat.
Workshop II, 1989, (3: IEE-
89a), pp. 22-28.

Key Words: models,
inference, methods.

FOL-87

Foley, S.N.
"A Universal Theory of
Information Flow," Proc.
1987 IEEE Symp. on Sec. &
Privacy, (5: IEE-87a), pp.
116-121.

Key Words: models, theory,
flow.

FOL-89

Foley, S.N.
"A Model of Secure
Information Flow," Proc. 1989
IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp.
248-258.

Key Words: models, theory,
flow.

FRE-88

Freeman, J., R. Neely, and
G. Dinolt
"An Internet System Security
Policy and Formal Model,"
Proc. 11th Natl. Comp.
Sec. Conf., (5: NCS-88), 1988,
pp. 10-19.

Key Words: model, formal,
network.

FUG-84

Fugini, M., and G. Martella
"ACTEN: A Conceptual
Model for Security Systems
Design," Computers &
Security, October 1984, pp.
196-214.

Key Words: model, theory.

FUG-87

Fugini, M.G., and G. Martella
"A Petri Net Model of Access
Control Mechanisms,"
Information Systems, Vol. 13,
No. 1, 1988.

Key Words: model, control.

GAS-89

Gasser, M.
"An Optimization for
Automated Information Flow
Analysis," IEEE Cipher, Jan.
1989, pp. 32-36.

Key Words: flow, techniques.

GLA-85

Glasgow, J.I., and
G.H. MacEwen
"A Two-Level Security Model
for a Secure Network," Proc.
8th Natl. Comp. Sec. Conf.,
(5: NCS-85), 1985, pp. 56-63.

Key Words: models, network.

GLA-87

Glasgow, J.I., and
G.H. MacEwen
"The Development and Proof
of a Formal Specification for a
Multi-Level Secure System,"
ACM Trans. on Computing
Systems, Vol. 5, No.2, 1987,
pp. 151-184.

Key Words: formal,
specifications.

GLA-88

Glasgow, J.I., and
G.H. MacEwen
"Reasoning About Knowledge
in Multi-level Secure
Distributed Systems," Proc.
1988 IEEE Symp. on Sec. &
Privacy, (5: IEE-88a), pp. 122-
128.

Key Words: models, theory,
MLS.

GLA-88a

Glasgow, J., G.H. MacEwen,
and P. Panangaden
"Reasoning about Knowledge
and Permission in Secure
Distributed Systems," Proc.
Comp. Sec. Foundat.
Workshop, 1988, (3: CSF-88),
pp. 139-146.

Key Words: models, theory,
MLS.

GLA-89

Glasgow, J.I., and
G.H. MacEwen
"Obligation as the Basis of
Integrity Specification," Proc.
Comp. Sec. Foundat.
Workshop II, 1989, (3: IEE-
89a), pp. 64-70.

Key Words: specification,
methods.

GOG-82

Goguen, J.A., and J. Meseguer,
"Security Policies & Security
Models," Proc. 1982 IEEE
Symp. on Sec. & Privacy, (5:
IEE-82), pp. 11-20.

Key Words: models, policy,
theory.

GOU-84

Gougen, J.A., and J. Mesgeur
"Unwinding and Inference
Control," Proc. 1984 IEEE
Symp. on Sec. & Privacy, (5:
IEE-84), pp. 75-86.

Key Words: model, inference,
theory.

GOV-85

Gove, R.A.
"Modeling of Computer
Networks," Proc. 8th Natl.
Comp. Sec. Conf., (5: NCS-
85), 1985, pp. 47-55.

Key Words: models,
methods, networks.

GRO-84

Grove, R.A.
"Extending the Bell &
LaPadula Security Model,"
Proc. 7th Seminar, DoD
Comp. Sec. Program, (5:
DOD-84), 1984, pp. 112-119.

Key Words: models, theory,
MLS.

GUT-87

Guttman, J.
"Information Flow and
Invariance," Proc. 1987 IEEE
Symp. on Sec. & Privacy, (5:
IEE-87a), pp. 67-73.

Key Words: models, flow,
theory.

GUT-88

Guttman, J., and M. Nadel
"What Needs Securing," Proc.
Comp. Sec. Foundat.
Workshop, 1988, (3: CSF-
88), pp. 34-57.

Key Words: models, theory.

GUT-89

Guttman, J.D.
"The Second Computer
Security Foundations
Workshop," IEEE Cipher,
Fall 1989, pp. 15-26.

Key Words: awareness,
models.

HAI-84

Haigh, J.T.
"Comparison of Formal
Security Policy Models," Proc.
7th Seminar, DoD Comp. Sec.
Progr., (5: DOD-84), 1984,
pp. 88-111.

Key Words: models, theory,
general.

HAI-86

Haigh, J. and W.D. Young
"Extending the
Noninterference Version of
MLS for SAT," Proc. 1986
IEEE Symp. on Sec. &
Privacy, (5: IEE-86), pp. 232-
239.

Key Words: models, MLS,
methods.

HAI-87

Haigh, J. and W.D. Young
"Extending the
Noninterference Version of
MLS for SAT," IEEE Trans.
on Software Engr., February
1987, pp. 141-150.

Key Words: models, MLS,
methods.

HAR-85

Harrison, M.A.
"Theoretical Issues Concerning
Protection in Operating
Systems," in M.C. Yovits,
Ed., Advances in Computers,
Vol. 24, Academic Press,
New York, 1985.

Key Words: models, theory,
general.

HAR-88

Hartman, B.A.
"A General Approach to
Tranquility in Information
Flow Analysis," Proc. Comp.
Sec. Foundat. Workshop,
1988, (3: CSF-88).

Key Words: models, flow,
methods.

HAR-88a

Harkness, W., and P. Pittelli
"Command Authorization as a
Component of Information
Integrity," Proc. Comp. Sec.
Foundat. Workshop, 1988, (3:
CSF-88), pp. 201-226.

Key Words: integrity,
techniques.

HEA-89

Heany, J., et al.
"Security Model Development
Environment," Proc. 5th
Security Applicat. Conf., (4:
IEE-89c), 1989, pp. 299-307.

Key Words: models,
techniques.

HER-89

Herlihy, M.P., and J.M. Wing
"Specifying Security
Constraints with Relaxation
Lattices," Proc. Comp. Sec.
Foundat. Workshop II, 1989,
(3: IEE-89a), pp. 47-53.

Key Words: specification,
methods.

IEE-89

Proceedings, The Computer
Security Foundations
Workshop II, Franconia, NH,
June 11-14, 1989, IEEE
Computer Society Press,
Washington, DC, June 1989.

Key Words: proceedings,
models, theory, methods.

JAC-88

Jacob, J.
"Security Specifications," Proc.
1988 IEEE Symp. on Sec. &
Privacy, (5: IEE-88a), pp. 14-
23.

Key Words: specification,
methods.

JAC-88a

Jacob, J.L.
"A Security Framework," Proc.
Comp. Sec. Foundat.
Workshop, 1988, (3: CSF-88),
pp. 98-111.

Key Words: models, theory,
general.

- JAC-89
Jacob, J.
"On the Derivation of Secure Components," Proc. 1989 IEEE Symp. on Sec. & Privacy, (5: IEE-89b), pp. 242-247.

Key Words: models, theory, methods.
- JAC-89a
Jacob, J.
"A Note on the Use of Separability for Detection of Covert Channels," IEEE Cipher, Summer 1989, pp. 25-33.

Key Words: covert channel, methods.
- JOH-88
Johnson, D.M., and F.J. Thayer
"Stating Security Requirements with Tolerable Sets," ACM Trans. on Computer Systems, Vol. 6, No. 3, 1988.

Key Words: requirements, methods.
- JOH-88a
Johnson, D.M., and F.J. Thayer
"Security and Composition of Machines," Proc. Comp. Sec. Foundat. Workshop, 1988, (3: CSF-88), pp. 72-89.

Key Words: models, theory.
- JOH-89
Johnson, D.M., and F.J. Thayer
"Security Properties Consistent with Testing Semantics for Communicating Processes," Proc. Comp. Sec. Foundat. Workshop, 1988, (3: CSF-88), pp. 9-21.

Key Words: models, theory, methods.
- KAT-89
Katzke, S.W., and Z. G. Ruthberg (Eds)
Report of the 1987 Invitational Workshop on Integrity Policy in Computer Information System, SP 500-160, National Institute of Standards and Technology, Gaithersburg, MD, 1989.

Key Words: integrity, policy.
- KEE-88
Keefe, T.F., W.T. Tsai, and M.B. Thuraishingham
"A Multilevel Security Model for Object-Oriented Systems," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 1-9.

Key Words: models, MLS, methods.
- KEE-89
Keefe, T., and W. Tsai
"Security Model Consistency in Secure Object-Oriented Systems" Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 290-298.

Key Words: models, theory, MLS.
- KOH-89
Ko, H.-P.
"Security Properties of Ring Brackets," Proc. Comp. Sec. Foundat. Workshop II, 1989, (3: IEE-89a), pp. 41-46.

Key Words: models, techniques.
- KOR-88
Korelsky, T., et al.
"ULYSSES: A Computer-Security Modeling Environment," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 20-28

Key Words: modeling, techniques.
- KOR-88a
Korelsky, T., et al.
"Security Modeling in the Ulysses Environment," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 386-392.

Key Words: modeling, techniques.
- KRE-80
Kreissig, G.
"A Model to Describe Protection Problems," Proc. 1980 IEEE Symp. on Sec. & Privacy, (5: IEE-80), pp. 9-17.

Key Words: models, methods.
- LAN-81
Landwehr, C.E.
"Formal Models for Computer Security," ACM Computing Surveys, September 1981, pp. 247-278.

Key Words: models, formal, general.
- LAN-82
Landauer, C., and S. Crocker
"Precise Information Flow Analysis by Program Verification," Proc. 1982 IEEE Symp. on Sec. & Privacy, (5: IEE-82), pp. 74-80.

Key Words: verification, methods.
- LAN-84
Landwehr, C.E., C.L. Heitmeyer, and J. McLean
"A Security Model for Military Message Systems," ACM Trans. on Computer Systems, August 1984, pp. 198-222.

Key Words: models, techniques.

LAN-89

Landauer, J., T. Redmond, and T. Benzel
"Formal Policies for Trusted Processes," Proc. Comp. Sec. Foundat. Workshop II, 1989, (3: IEE-89a), pp. 31-40.

Key Words: policy, formal, models.

LAP-89

La Padula, L.J.
"The 'Basic Security Theorem' of Bell and La Padula Revisited," IEEE Cipher, January 1989, pp. 26-31.

Key Words: awareness, models, theory, formal.

LEI-83

Leiss, E.L.
"On Authorization Systems With Grant-or-Controlled Propagation of Privileges," Proceedings, 1983 COMPCON Spring, 1983, pp. 499-502.

Key Words: models, authorization, techniques.

LIN-88

Lin, T.Y.
"A Generalized Information Flow Model and the Role of the Security Officer," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), 1987, pp. 85-103.

Key Words: models, flow, methods.

LIN-89

Lin, T.Y.
"Chinese Wall Security Policy -- An Aggressive Model," Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 282-289.

Key Words: models, policy, theory.

LIN-89a

Lin, T.Y., L. Kershberg, and R.P. Trueblood
"Security Algebras and Formal Models -- Using Petri Net Theory," Proc. IFIP WG 11.3 (Data Base) Workshop, (6: IFI-89), 1989.

Key Words: models, theory, methods

LIU-80

Liu, L.
"On Security Flow Analysis in Computer Systems," Proc. 1980 IEEE Symp. on Sec. & Privacy, (5: IEE-80), pp. 22-33.

Key Words: models, flow, methods, techniques.

LOC-82

Lockman, A., and N. Minsky,
"Unidirectional Transport of Rights and Take-Grant Control," IEEE Trans. on Software Engr., December 1982, pp. 597-604.

Key Words: models, take-grant, techniques, methods.

LUB-89

Lubarsky, R.S.
"Hook-Up Security and Generalized Restrictiveness," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 112-122.

Key Words: models, theory.

LUN-88

Lunt, T.F.
"Access Control Policies: Some Unanswered Questions," Proc. Comp. Sec. Foundat. Workshop, 1988, (3: CSF-88), pp. 227-245.

Key Words: policy, control.

MAC-87

MacEwen, G.H., V.Q.W. Poon, and J.I. Glasgow
"A Model for Multilevel Security Based on Operator Nets," Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 130-160.

Key Words: models, MLS, methods.

MAR-86

Marcus, L., and T. Redmond
"Semantics of Read," Proc. 9th Natl. Comp. Sec. Conf., (5: NCS-86), 1986, pp. 184-193.

Key Words: models, theory.

MAR-88

Marcus, L., and T. Redmond
"A Model-Theoretic Approach to Specifying, Verifying, and Hooking Up Security Policies," Proc. Comp. Sec. Foundat. Workshop, 1988, (3: CSF-88), pp. 127-138.

Key Words: models, theory, policy.

MAR-89

Marcus, L., and T. Menas
"Safety via State Transition Language Plus Invariants," Proc. Comp. Sec. Foundat. Workshop II, 1989, (3: IEE-89a), pp. 71-77.

Key Words: theory, methods, safety.

MAR-89a

Marcus, L.
"The Search for a Unifying Framework for Computer Security," IEEE Cipher, Fall 1989, pp. 55-63.

Key Words: models, theory, general.

- MCC-87
McCullough, D.M.
"Specifications for Multilevel Security and a Hook-Up Property," Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 161-166.
- Key Words: specification, MLS.
- MCC-88
McCullough, D.M.
"Noninterference and the Composability of Security Properties," Proc. 1988 IEEE Symp. on Sec. & Privacy, (5: IEE-88a), pp. 177-186.
- Key Words: inference, theory.
- MCC-88a
McCullough, D.M.
"Covert Channels and Degrees of Insecurity," Proc. Comp. Sec. Foundat. Workshop, 1988, (3: CSF-88), pp. 1-33.
- Key Words: covert channel, theory.
- MCC-88b
McCullough, D.M.
Foundations of Ulysses: The Theory of Security, RADC-TR-87-222, U.S. Air Force Rome Air Development Center, Rome, NY, July 1988.
- Key Words: verification, theory, MLS.
- MCD-89
McDermid, J., and E. Hocking
"Security Policies for Integrated Project Support Environments," Proc. IFIP WG 11.3 (Data Base) Workshop, (6: IFI-89), 1989.
- Key Words: policy, techniques.
- MCH-86
McHugh, J., and A.P. Moore
"A Security Policy and Formal Top Level Specification for a Multi-Level Secure Local Area Network," Proc. 1986 IEEE Symp. on Sec. & Privacy, (5: IEE-86), pp. 34-39.
- Key Words: specification, MLS, LAN.
- MCH-87
McHugh, J.
"Active vs. Passive Security Models: The Key to Real Systems," Proc. 3d Aerospace Comp. Sec. Conf., (5: IEE-87b), 1987, pp. 15-20.
- Key Words: models, theory, general.
- MCH-88
McHugh, J.
"A Formal Definition for Information Flow Analysis," Proc. Comp. Sec. Foundat. Workshop, 1988, (3: CSF-88), pp. 147.
- Key Words: formal, models, flow.
- MCL-84
McLean, J., C.E. Landwehr, and C.L. Heitmeyer
"A Formal Statement of the MMS Security Model," Proc. 1984 IEEE Symp. on Sec. & Privacy, (5: IEE-84), pp. 188-194.
- Key Words: formal, models, network.
- MCL-85
McLean, J.
"A Comment on the Basic Security Theorem of Bell and LaPadula," Information Processing Letters, February 1985, pp. 67-70.
- Key Words: models, formal, theory.
- MCL-87
McLean, J.
"Reasoning About Security Models," Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 123-131.
- Key Words: models, theory, general.
- MCL-88
McLean, J.
"The Algebra of Security," Proc. 1988 IEEE Symp. on Sec. & Privacy, (5: IEE-88a), pp. 2-7.
- Key Words: models, theory.
- MCL-89
McLean, J., and C. Meadows
"Composable Security Properties," IEEE Cipher, Fall 1989, pp. 27-36.
- Key Words: models, theory.
- MEN-81
Mennie, A.L., and G.H. MacEwen
"Information Flow Certification Using an Intermediate Code Program Representation," IEEE Trans. on Software Engr., November 1981, pp. 594-607.
- Key Words: flow, techniques, verification.
- MIL-81
Millen, J.K.
"Information Flow Analysis of Formal Specifications," Proc. 1981 IEEE Symp. on Sec. & Privacy, (5: IEE-81), pp. 3-8.
- Key Words: specification, formal, flow, methods.
- MIL-84
Millen, J.K.
"A1 Policy Modelling," Proc. 7th Seminar, DoD Comp. Sec. Progr., (5: DOD-84), 1984, pp. 137-145.
- Key Words: models, MLS, methods.

MIL-87
Millen, J.K.
"Covert Channel Capacity,"
Proc. 1987 IEEE Symp. on
Sec. & Privacy, (5: IEE-87a),
pp. 60-66

Key Words: covert channel,
models.

MIL-87a
Millen, J.K.
"Interconnection of
Accredited Systems," AIAA
No. 87-3075, Proc. 3d
Aerosp. Comp. Sec. Conf.,
(5: IEE-87b), 1987, pp. 60-
65.

Key Words: models,
techniques.

MIL-89
Millen, J.K.
"Finite-State Noiseless Covert
Channels," Proc. Comp. Sec.
Foundat. Workshop II, 1989,
(3: IEE-89a), pp. 81-86.

Key Words: covert channel,
models.

MIL-89a
Millen, J.K.
"Models of Multilevel
Computer Security," in M.
Yovits, (Ed), Advances in
Computers, Academic Press,
New York, 1989, pp. 1-40.

Key Words: models, MLS.
general.

MIN-83
Minsky, N.H.
"On the Transportation of
Privileges," Proc. 1983 IEEE
Symp. on Sec. & Privacy, (5:
IEE-83a), pp. 41-48.

Key Words: models, take-
grant, methods.

MIN-84
Minsky, N.,
"Selective and Logically
Controlled Transport of
Privileges," ACM Trans. on
Programming Languages and
Systems, Vol. 6, No. 4, 1984,
pp. 573-602.

Key Words: models, take-
grant, methods.

MOR-88
Morgenstern, M.
"Spiral Classification for
Multilevel Data and Rules,"
Proc. 11th Natl. Comp. Sec.
Conf., (5: NCS-88), 1988, pp.
270-273.

Key Words: models,
techniques, MLS.

MOS-87
Moser, L.E.
"Graph Homomorphisms and
the Design of Secure
Computer Systems," Proc.
1987 IEEE Symp. on Sec. &
Privacy, (5: IEE-87a), pp. 88-
96

Key Words: models, theory,
methods.

MOS-89
Moser, L.E.
"A Logic of Knowledge and
Belief for Reasoning about
Computer Security," Proc.
Comp. Sec. Foundat.
Workshop II, 1989, (3: IEE-
89a), pp. 57-63.

Key Words: theory, methods,
general.

NEU-83
Neumann, P.G.
"Experiences with Formality
in Software Development," in
D. Ferrari et al (Eds.), Theory
and Practice of Software
Technology, North-Holland,
Amsterdam, 1983.

Key Words: formal, software,
methods.

PAG-89
Page, J. et al.
"Evaluation Security Model
Rule Base," Proc. 12th Natl.
Comp. Sec. Conf., (5: NCS-
89), 1989, pp. 98-111.

Key Words: models, theory,
methods.

PIT-87
Pittelli, P.A.
"The Bell-LaPadula Computer
Security Model Represented as
a Special Case of the
Harrison-Ruzzo-Ullman
Model," Proc. 10th Natl.
Comp. Sec. Conf., (5: NCS-
87a), 1987, pp. 118-121.

Key Words: models, theory,
methods.

PIT-88
Pittelli, P.A.
"Formalizing Integrity Using
Non-Interference," Proc. 11th
National Comp. Sec. Conf., (5:
NCS-88), 1988, pp. 38-42.

Key Words: formal, integrity,
theory.

RAN-88
Rangan, P.V.
"An Axiomatic Basis of Trust
in Distributed Systems," Proc.
1988 IEEE Symp. on Sec. &
Privacy, (5: IEE-88a), pp. 204-
211.

Key Words: models, theory,
network.

ROS-88
Rosenthal, D.
"An Approach to Increasing
Automation of Verification of
Security," Proc. Comp. Sec.
Foundat. Workshop, 1988, (3:
CSF-88), pp. 90-97.

Key Words: verification,
techniques.

ROS-88a

Roskos, J.E.
"Minix Security Policy Model," Proc. 4th Aerospace Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 393-399.

Key Words: models, policy, decryption.

RUS-84

Rushby, J.
"The Security Model of Enhanced HDM," Proc. 7th Seminar, DoD Comp. Sec. Progr., (5: DOD-84), 1984, pp. 120-136.

Key Words: models, description.

SAN-85

Sandhu, R.S.
"Analysis of Acyclic Attenuating Systems for the SSR Protection Model," Proc. 1986 IEEE Symp. on Sec. & Privacy, (5: IEE-86), pp. 197-206.

Key Words: models, description.

SAN-86

Sandhu, R.S., and M.E. Share
"Some Owner Based Schemes With Dynamic Groups in the Schematic Protection Model," Proc. 1986 IEEE Symp. on Sec. & Privacy, (5: IEE-86), pp. 61-70

Key Words: models, methods.

SAN-88

Sandhu, R.S.
"The Schematic Protection Model: Its Definition and Analysis of Acyclic Attenuation Schemes," Journal of the ACM, No. 2, 1988, pp. 404-432.

Key Words: models, description.

SAN-88a

Sandhu, R.S.
"Expressive Power of the Schematic Protection Model," Proc. Comp. Sec. Foundat. Workshop, 1988, (3: CSF-88), pp. 188-193.

Key Words: models, description.

SAN-89

Sandhu, R.S.
"Transformation of Access Rights," Proc. 1989 IEEE Symp. on Sec. & Privacy, (5: IEE-89b), pp. 259-268.

Key Words: control, techniques.

SAN-89a

Sandhu, R.
"Current State of the Safety Problem in Access Control," IEEE Cipher, Fall 1989, pp. 37-46.

Key Words: control, safety, general.

SAY-86

Saydjari, O.S., and T. Kremann
"A Standard Notation in Computer Security Models," Proc. 9th Natl. Comp. Sec. Conf., (5: NCS-86), 1986, pp. 194-203.

Key Words: models, methods, general.

SIL-83

Silverman, J.M.
"Reflections on the Verification of the Security of an Operating System," Proceedings, 9th ACM Symposium on Operating Systems Principles, October 1983, pp. 143-154.

Key Words: verification, description.

SNY-81

Snyder, L.
"Formal Models of Capability-Based Protection Systems," IEEE Trans. on Computers, March 1981, pp. 172-181

Key Words: formal, models, capability.

SNY-81b

Snyder, L.
"Theft and Conspiracy in the Take-Grant Model," Journal Comp. and System Sciences, December 1981, pp. 333-347.

Key Words: models, take-grant, threats.

SOR-83

Sorkin, A., and C.J. Buchanan
"Measurement of Cryptographic Capability Protection Algorithms," Computers & Security, November 1983, pp. 101-116.

Key Words: capability, techniques.

STO-81

Stoughton, A.
"Access Flow: A Protection Model which Integrates Access Control and Information Flow," Proc. 1981 IEEE Symp. on Sec. & Privacy, (5: IEE-81), pp. 9-18.

Key Words: models, flow, control.

SUT-86

Sutherland, D.
"A Model of Information," Proc. 9th National Computer Sec. Conf., (5: NCS-86), 1986, pp. 175-183.

Key Words: models, theory, general.

SUT-89

Sutherland, I., S. Perlo, and R. Varadarajan
"Deducibility Security with Dynamic Level Assignments," Proc. Comp. Sec. Foundat. Workshop II, 1989, (3: IEE-89a), pp. 3-8

Key Words: models, theory, general.

TAY-84

Taylor, T.
"Comparison Paper Between the Bell-La Padula Model and the SRI Model," Proc. 1984 IEEE Symp. on Sec. & Privacy, (5: IEE-84), pp. 195-202.

Key Words: models, theory, general.

TAY-87

Taylor, T., and B. Hartman
"Formal Models, Bell-LaPadula, and Gypsy," Proc. 10th Natl. Comp. Sec. Conf., (5: NSC-10), 1987, pp. 193-200.

Key Words: models, formal, general.

TER-89

Terry, P., and S. Wiseman
"A 'New' Security Policy Model," Proc. 1989 IEEE Symp. on Sec. & Privacy, (5: IEE-89b), pp. 215-228.

Key Words: models, theory.

TRU-86

Trueblood, R.P., and A. Sengupta
"Dynamic Analysis of the Effects Access Rule Modifications Have Upon Security," IEEE Trans. on Software Engr., August 1986, pp. 866-870.

Key Words: models, techniques.

TSA-87

Tsai, C.-R., V.D. Gligor, and C.S. Chandrasekaran
"A Formal Method For the Identification of Covert Storage Channels in Source Code," Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 74-86

Key Words: covert channel, formal, methods, techniques.

TSA-88

Tsai, C.-R., and V.D. Gligor
"A Bandwidth Computation Model for Covert Storage Channels and Its Applications," Proc. 1988 IEEE Symp. on Sec. & Privacy, (5: IEE-88a), pp. 108-121.

Key Words: covert channel, models, techniques.

WEB-89

Weber, D.G., and R. Lubarsky
"The SDOS Project -- Verifying Hook-Up Security," Proc. 3d Aerospace Comp. Sec. Conf., (5: IEE-87b), 1987, pp. 7-14.

Key Words: verification, description.

WIL-87

Williams, J.C. and G.W. Dinolt
"A Graph-Theoretic Formulation of Multilevel Secure Distributed Systems: An Overview" Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 97-103.

Key Words: theory, models, general.

WIL-88

Williams, J.C. and M.L. Day
"Security Labels and Security Profiles," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 257-266.

Key Words: models, methods, MLS.

WIT-89

Wittbold, J.T.,
"Controlled Signalling Systems and Covert Channels," Proc. Comp. Sec. Foundat. Workshop II, 1989, (3: IEE-89a), pp. 87-104.

Key Words: covert channel, methods, techniques.

WRA-89

Wray, J.C.
"An Optimization for Information Flow Analysis," Proc. Comp. Sec. Foundat. Workshop II, 1989, (3: IEE-89a), pp. 105-110.

Key Words: models, flow, methods.

WUM-81

Wu, M.S.
"Hierarchical Protection Systems," Proc. 1981 IEEE Symp. on Sec. & Privacy, (5: IEE-81), pp. 113-123.

Key Words: models, hierarchical.

YOU-89

Young, W.D.
"Toward Foundations of Security," IEEE Cipher, Fall 1989, pp. 47-54.

Key Words: models, theory, general.

4. Access Control

This section cites publications on identification and authentication methods (e.g., passwords, biometrical identifiers), traditional access control methods (such as memory and file protection), the use of capabilities and access control lists, and add-on software packages for discretionary access control.

AHI-87

Ahituv, N., Y. Lapid, and S. Neumann
"Verifying Authentication of an Information System User," Computers & Security, April 1987, pp. 152-157.

Key Words: authentication, techniques.

ALV-88

Alvare, A., and E. Schultz
"A Framework for Password Selection," Proceedings, USENIX UNIX Security Workshop, August 1988.

Key Words: authentication, methods, passwords.

AND-88

Anderson, L.
"UNIX Password Security," Proceedings, USENIX UNIX Security Workshop, August 1988.

Key Words: authentication, methods, passwords.

ANC-83a

Ancilotti, P., N. Lijtmaer, and M. Boari
"Language Features for Access Control," IEEE Trans. on Software Engr., January 1983, pp. 16-24.

Key Words: control, techniques.

BAC-89

Bacic, E.
"Process Execution Controls as a Mechanism to Ensure Consistency," Proc. 5th Security Applicat. Conf. (4: IEE-89c), 1989, pp. 114-120.

Key Words: controls, OS, techniques.

BAN-84

Barton, B.F. and M.S. Barton
"User-Friendly Password Methods for Computer-Mediated Information Systems," Computers & Security, October 1984, pp. 186-195.

Key Words: authentication, methods, passwords.

BEK-88

Beker, H.
"Secure Access Control and MAC-Based Signatures," Information Age, (U.K.) January 1988, pp. 20-22.

Key Words: control, mandatory.

BON-83

Bonyun, D.A.
"The Use of Architectural Principles in the Design of Certifiably Secure Systems," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 81-94.

Key Words: architecture, design.

BOU-83

Bound, W.A.J.
"Securing the Automated Office," Computer Security Journal, Fall/Winter 1983, pp. 97-103.

Key Words: control, techniques.

BOW-88

Bowers, D.M.
"Access Control and Personal Identification Systems," Butterworths, Boston, 1988.

Key Words: book, control, general.

BRA-84

Brand, S.L., and M.E. Flaherty
"Password Management in Practice," Proc. 7th Seminar, DOD Comp. Sec. Progr., (5: DOD-84), 1984, pp. 264-269.

Key Words: authentication, methods, passwords, management.

BRO-84

Brown, R.L.
"Computer System Access Control Using Passwords," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 129-142.

Key Words: control, passwords.

BUN-87

Bunch, S.
"The Setuid Feature in UNIX and Security," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 245-253.

Key Words: authentication, methods.

BUR-89

Burk, H., and A. Pfitzmann
"Digital Payment Systems Enabling Security and Unobservability," Computers & Security, August 1989, pp. 399-416.

Key Words: control, methods.

CAR-83

Carlsson, A.
"The Active Card and its Contribution to EDP Security," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 69-72.

Key Words: control, techniques.

CAR-87

Carroll, J.M.
Computer Security, 2nd Edition, Butterworths, Boston, 1987.

Key Words: book, general, methods, techniques.

CAR-88

Carroll, J.M., et al.
"The Password Predictor -- A Training Aid for Raising Security Awareness," Computers & Security, October 1988, pp. 475-481.

Key Words: authentication, passwords, awareness, techniques.

CAR-88a

Carlton, S.F., J.W. Taylor, and J.L. Wyszynski
"Alternate Authentication Mechanisms," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 333-338.

Key Words: authentication, techniques.

CHA-85

Chaum, D.
"Security Without Identification: Transaction Systems to Make Big Brother Obsolete," Communications of the ACM, October 1985, pp. 1030-1044.

Key Words: general, methods.

CHA-86

Chang, C.C.
"On the Design of a Key-Lock-Pair Mechanism in Information Protection Systems," BIT, July 1986, pp. 410-417.

Key Words: control, techniques.

CLE-87

Clements, P.C.
"Engineering More Secure Software Systems," Proc. COMPASS '87: Comp. Assurance, (2: IEE-87), 1987, pp. 79-81.

Key Words: architecture, design.

COH-88

Cohen, F.
"Designing Provably Correct Information Networks with Digital Diodes," Computers & Security, June 1988, pp. 279-286.

Key Words: design, network, hardware.

COM-84

Comer, M. (Ed.)
"How Passwords are Cracked," Computer Fraud and Security Bulletin (U.K.), November 1984, pp. 1-10.

Key Words: threats, passwords.

CON-83

Connolly, W.
"Bypassing the Passwords," Computer Fraud and Security Bulletin, July 1983, pp. 1-7.

Key Words: threats, passwords.

COO-84

Cooper, J.A.
Computer Security Technology, Lexington Books, Lexington, MA, 1984.

Key Words: book, general, methods.

CSC-85

Department of Defense Password Management Guideline, CSC-STD-002-85, National Computer Security Center, Ft. Meade, MD, 12 April 1985.

Key Words: guidelines, passwords.

CSC-88

Trusted Unix Working Group (TRUSIX) Rationale for Selecting Access Control Features for the Unix System, NCSC-TG-020-A, National Computer Security Center, Ft. Meade, MD, 18 August 1988.

Key Words: control, guidelines.

CUS-80

Cushing, S.
"Software Security and How to Handle It," in Rullo, T.A. (Ed.), Advances in Computer Security Management, Vol. 1, Heyden & Son, Philadelphia, 1980, pp. 79-105.

Key Words: software, guidelines.

DAV-81

Davida, G.I., and J. Livesey
"The Design of Secure CPU-Multiplexed Computer Systems: The Master/Slave Approach," Proc. 1981 IEEE Symp. on Security & Privacy (5: IEE-81), pp. 133-139.

Key Words: design, control, methods.

DAV-85

Davida, G.I. and B.J. Matt
"Crypto-Secure Operating Systems," Proceedings, 1985 National Computer Conference, AFIPS Press, Reston, VA, 1985, pp. 575-581.

Key Words: control, OS, techniques.

DAV-88

Davida, G.I., and B.J. Matt
"UNIX Guardians: Active User Intervention in Data Protection," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 199-204.

Key Words: control, techniques.

DEB-85

de Bruyne, P.
"Signature Verification Using Holistic Measures," Computers & Security, December 1985, pp. 309-315.

Key Words: authentication, methods, techniques.

DEC-89

Security for VAX Systems, Digital Equipment Corporation, Maynard, MA, 1989.

Key Words: book, control, general.

DEH-89

Dehnad, K.
"A Simple Way of Improving the Login Security," Computers & Security, November 1989, pp. 607-611.

Key Words: authentication, methods.

DEN-86

Denning, D.E.
"An Intrusion Detection Model," Proc. 1986 IEEE Symp. on Security & Privacy, (5: IEE-86), pp. 118-131.

Key Words: auditing, techniques.

DES-86

Deswarte, Y., et al.
"A Saturation Network to Tolerate Faults and Intrusions," Proceedings, 5th IEEE Symposium on Reliability in Distributed Software and Database Systems, January 1986, pp. 74-81.

Key Words: architecture, design.

DOB-86

Dobson, J.E., and B. Randell
"Building Reliable Secure Computing Systems out of Unreliable, Insecure Components," Proc. 1986 IEEE Symp. on Sec. & Privacy, (5: IEE-86), pp. 187-193.

Key Words: architecture, design.

DOW-84

Downs, D.D.
"Operating Systems Key Security with Basic Software Mechanisms," Electronics, March 8, 1984, pp. 122-127.

Key Words: OS, techniques.

DPC-83

"Special Issue on Access Control," Data Processing & Comm. Security, Sept/Oct. 1983, pp. 8-29.

Key Words: control, methods, general.

DUC-85

du Croix, A.J.
"Data Sharing and Access Protection in Business System 12," Computers & Security, December 1985, pp. 317-323.

Key Words: control, techniques.

DUP-86

Dupy, M., et al.
"About Software Security with CP8 Card," Proc. IFIP/Sec. '86, Monte Carlo, 1986, (2: GRI-89).

Key Words: software, techniques.

DUV-88

Duval, S., et al.
"Use of Fingerprints as Identity Verification," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 479-481.

Key Words: authentication, methods.

ELO-83

Eloff, J.H.P.
"Selection Process for Security Packages," Computers & Security, November 1983, p. 256.

Key Words: software, guidelines.

ELS-88

Elsbury, J.
"Personal Authentication
Devices: Data Security
Applications," Proc. IFIP/Sec.
'88, Australia, 1989, (2:
CAE-89), pp. 471-478.

Key Words: authentication,
methods, techniques.

ENG-87

Engelman, P.D.
"The Application of 'Orange
Book' Standards to Secure a
Telephone Switching
System," Proc. 10th Natl.
Comp. Sec. Conf., (5: NCS-
87a), 1987, pp. 282-287.

Key Words: control,
techniques.

EST-89

Estrin, D., and G. Tsodik
"Security Issues in Policy
Routing," Proc. 1989 IEEE
Symp. on Sec. & Privacy, (5:
IEE-89b), pp. 183-193.

Key Words: control,
requirements.

EVA-83

"Evaluating Security
Software," Assets Protection,
July/August 1983, pp. 9-13.

Key Words: guidelines,
software.

FAK-84

Fak, V.
"Characteristics of Good
One-Way Encryption
Functions for Passwords --
Some Rules for Creators and
Evaluators," Proc. IFIP/Sec.
'84, Toronto, 1984, (2: FIN-
85), pp. 189-191.

Key Words: passwords,
techniques.

FAR-86

Farrow, R.
"Security for Superusers, Or
How to Break the UNIX
System," UNIX/World, May
1986, pp. 65-70.

Key Words: OS,
vulnerabilities.

FAY-86

Fray, J.-M., and J.-C. Fraga
"Fragmented Data Processing:
An Approach to Secure and
Reliable Processing in
Distributed Computing
Systems," Preprints,
International Working
Conference on Dependable
Computing for Critical
Applications, Santa Barbara,
CA, August 1989, pp. 131-
137.

Key Words: architecture,
design.

FEI-86

Feinstein, H.
"Security in Unclassified
Sensitive Computer Systems,"
Proc. 9th Natl. Comp. Sec.
Conf., (5: NCS-86), 1986, pp.
81-90.

Key Words: control,
techniques.

FIL-86

Filipski, A., and J. Hanko
"Making UNIX Secure," Byte,
April 1986, pp. 113-128.

Key Words: control, OS,
design.

FIS-84

Fisher, R.P.
Information Systems Security,
Prentice-Hall, New York,
1984.

Key Words: book, general,
methods, techniques.

FIS-88

Fish, T.
"A Model for Mainframe
Access Control Software
Selection," EDPACS, May
1988, pp. 1-5.

Key Words: control, model,
methods.

FIT-88

Fitzgerald, K.
"Choosing a Logical Access
Control Strategy," Proc.
IFIP/Sec. '88, Australia, 1989,
(2: CAE-89), 1988, pp. 235-
244.

Key Words: control,
guidelines.

FRA-86

Fray, J.M., Y. Deswarte, and
D. Powell
"Intrusion-Tolerance Using
Fine-Grain Fragmentation
Scattering," Proc. 1986 IEEE
Symp. on Sec. & Privacy, (5:
IEE-86), pp. 194-201.

Key Words: architecture,
design.

FRI-88

Friedman, M.
"Access-Control Software,
Information Age, (U.K.), July
1988, pp. 157-161.

Key Words: control, software.

FUG-88

Fugini, M., and R. Zicari
"Authorization and Access
Control in the Office-Net
Systems," Proc. IFIP/Sec. '88,
Australia, 1989, (2: CAE-89),
pp. 147-162.

Key Words: control,
techniques.

GON-89

Gong, L.
"A Secure Identity-Based
Capability System," Proc. 1989
IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp. 56-
63.

Key Words: architecture,
capability.

GON-89a

Gong, L.
"On Security of Capability-Based Systems", ACM Operating Systems Review, April 1989, pp. 56-60.

Key Words: control, capability.

GRA-84

Grampp, F.T., and R.H. Morris
"UNIX Operating System Security," Bell System Technical Journal, August 1984, pp. 1651-1971.

Key Words: control, OS, design.

GRA-89

Graubart, R.
"On the Need for a Third Form of Access Control," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 296-303.

Key Words: control, requirements.

GRE-81

Green, G., and R.G. Farber
Introduction to Security Principles & Practices, Security World Publishing, Los Angeles, CA, 1981.

Key Words: book, general, methods, techniques.

GRO-84

Grossman, G.
"Gould Software Division's Security Program," Proc. 7th Seminar, DoD Comp. Sec. Progr., (5: DOD-84), 1984, pp. 180-187.

Key Words: control, techniques.

GUY-85

Guynes, S.
"Security of Computer Software," Security Audit & Control Review, Winter 1985, pp. 31-35.

Key Words: control, software, design.

HAG-86

Hagopian, G.
"Planning and Implementing a Security Package, Part I," Computer Security Products Report, Winter 1986, pp. 18-22.

Key Words: control, software, design.

HAG-86a

Hagopian, G.
"Planning and Implementing a Security Package, Part II," Computer Security Products Report, Spring 1986, pp. 18-20.

Key Words: control, software, design.

HAS-84

Haskett, J.A.
"Pass-Algorithms: A User Validation Scheme Based on Knowledge of Secret Algorithms," Communications of the ACM, August 1984, pp. 777-781.

Key Words: control, techniques.

HAY-88

Haykin, M.E., and R.B.J. Warner
Smart Card Technology: New Methods for Computer Access Control, SP 500-157, National Institute of Standards and Technology, Gaithersburg, MD, 1988.

Key Words: control, methods.

HEB-80

Hebbard, B., et al.
"A Penetration of the Michigan Terminal System," ACM Operating Systems Review, January 1980, pp. 7-20.

Key Words: vulnerabilities, OS.

HEN-87

Henning, R.R., and S. A. Walker
"Data Integrity vs. Data Security: A Workable Compromise," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 334-339.

Key Words: control, integrity, design.

HEN-87a

Henderson, S.C.
"A Comparison of Data Access Control Packages: Part I," Computer Security Journal, Vol. IV, No. 2, 1987, pp. 75-111.

Key Words: control, software.

HEN-88

Henderson, S.C.
"A Comparison of Data Access Control Packages: Part II," Computer Security Journal, Vol. V, No. 1, 1988, pp. 67-104.

Key Words: control, software.

HER-89

Herlihy, M.P., and J.D. Tygar
"Implementing Distributed Capabilities Without a Trusted Kernel," International Working Conf. on Dependable Comp. for Critical Applic., Santa Barbara, CA, Aug. 1989, pp. 113-120.

Key Words: OS, capabilities, design.

HIG-85

Highland, H.J.
"Microcomputer Security: Data Protection Techniques," Computers & Security, June 1985, pp. 123-134.

Key Words: control, PC, general.

- HIG-86
Highland, H.J.
"How to Modify a Microcomputer Operating System for Added Security," Computers & Security, December 1986, pp. 340-343.

Key Words: OS, PC, guidelines.
- HIG-88
Highland, H.J.
"Program Aids for Office Automation Security," Computers & Security, February 1988, pp. 37-43.

Key Words: control, software.
- HOG-88
Hogan, C.B.
"Protection Imperfect: The Security of Some Computing Environments," ACM Operating Systems Review, July 1988.

Key Words: control, general, design.
- HOS-88
Hosmer, H.H. and M. Merriman
"Using CASE Tools to Improve the Security of Application Systems," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 205-208.

Key Words: control, techniques, methods, design.
- HOV-83
Hovig, P.L.
"To Install an Access Control System: Activities and Checklists," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 57-67.

Key Words: control, guidelines.
- IBM-83
System Security Guide, IBM System 36, FSC 219042, IBM Corporation, White Plains, NY, 1983.

Key Words: control, guidelines.
- IBM-88
AS/400 Programming: Security Concepts and Planning, SC21-8083, IBM Corporation, White Plains, NY, June 1988.

Key Words: control, guidelines.
- ISR-83
Israel, J.E. and T.A. Linden
"Authentication in Office System Internetworks," ACM Trans. on Office Infor. Syst., July 1983, pp. 192-210.

Key Words:
- JOB-89
Jobush, D.L., and A.E. Oldenhoeft
"A Survey of Password Mechanisms: Weaknesses and Potential Improvements, Part 1," Computers & Security, November 1989, pp. 587-604.

Key Words: control, passwords.
- JOB-89a
Jobush, D.L., and A.E. Oldenhoeft
"A Survey of Password Mechanisms: Weaknesses and Potential Improvements. Part 2," Computers & Security, December 1989, pp. 675-689.

Key Words: control, passwords.
- JOH-81
Johnston, R.E.
"Security Software Packages," Computer Security Journal, Spring 1981, pp. 15-38.

Key Words: control, software.
- JOH-83
Johnston, R.E.
"Comparison of Access Control Software Packages," Computer Security Journal, Fall/Winter, 1983, pp. 19-58.

Key Words: control, software.
- JOH-83a
Johnston, R.E.
"Security Software Packages for CICS," Computer Security Journal, Spring 1983, pp. 19-41.

Key Words: control, software.
- JOH-83b
Johnston, R.E.
"Comparison of Access Control Software for IBM Operating Systems: ACF2, RACF, SAC, SECURE, TOP SECRET," Computer Security Journal, Fall/Winter 1983, pp. 19-58.

Key Words: control, software.
- JOH-89
Johnson, H.L., and C. Arvin
"Security for Embedded Tactical Systems," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 339-348.

Key Words: control, requirements.
- JON-80
Jonekait, J.
"Gnosis: A Secure Capability Based 370 Operating System," Proc., 3d Seminar, DoD Comp. Sec. Progr., (5: DOD-80a), 1980, pp. G1-G16.

Key Words: control, OS, capability.
- JON-86
Jones, R.W.
"The Design of Distributed Secure Logical Machines," ICL Technical Journal (UK), November 1986, pp. 291-308.

Key Words: control, design, network.

JON-89

Jones, R.W.
"Security Classes and Access Rights in a Distributed System," Report, Invitat. Workshop on Data Integrity, NIST, (4: RUT-89), 1989, pp. A.6.1-27.

Key Words: control, network, design.

JOS-89

Joseph, M.K.
"Integration Problems in Fault-Tolerant Secure Computer Design," Preprints, International Working Conference on Dependable Computing for Critical Applications, Santa Barbara, CA, Aug. 1989, pp. 141-147.

Key Words: architecture, design.

JUE-88

Juenemann, R.R.
"Integrity Controls for Military and Commercial Applications," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 298-322.

Key Words: control, integrity.

JUE-89

Jueneman, R.R.
"Integrity Controls for Military and Commercial Applications, II," Report, Invitat. Workshop on Data Integrity, NIST, (4: RUT-89), 1989, pp. A.5.1-61.

Key Words: control, integrity.

KAH-88

Kahane, Y., S. Neumann, and C.S. Tapiero
"Computer Backup Pools, Disaster Recovery, and Default Risks," Communications of the ACM, January 1988, pp. 78-83.

Key Words: contingency, risks.

KAI-86

Kain, R.Y., and C.E. Landwehr
"On Access Checking in Capability-Based Systems," Proc. 1986 IEEE Symp. on Sec. & Privacy, (5: IEE-86), pp. 95-101

Key Words: control, capability.

KAI-87

Kain, R.Y., and C.E. Landwehr
"On Access Checking in Capability-Based Systems," IEEE Trans. on Software Engr., February 1987, pp. 202-207.

Key Words:

KAR-88

Karger, P.A.
"Implementing Commercial Data Integrity with Secure Capabilities," Proc. 1988 IEEE Symp. on Sec. & Privacy, (5: IEE-88a), pp. 130-139.

Key Words: integrity, capability.

KAR-88a

Karren, D.T.
"Typical System Access Control Problems and Solutions," Information Age (U.K.), January 1988, pp. 23-32.

Key Words: control, techniques.

KAR-89

Karger, P.A.
"New Methods for Immediate Revocation," Proc. 1989 IEEE Symp. on Sec. & Privacy, (5: IEE-89b), pp. 48-55.

Key Words: capability, methods.

KIE-88

Kielsky, M.
"Security and Access Control Features of the VAX/VMS Operating System," Information Age (U.K.), October 1988, pp. 203-210.

Key Words: control, OS, methods.

KNO-87

Knowles, F., and S. Bunch
"A Least Privilege Mechanism for Unix," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 257-262.

Key Words: control, technique.

KNO-88

Knox, M.J., and E.D. Bowden
"Unix System Security Issues," Information Age (U.K.), April 1988, pp. 67-72.

Key Words: OS, techniques, methods.

KOE-84

Koehring, J.
"Automatic Identity Verification," Information Age (UK), April 1984, pp. 103-110.

Key Words: authentication, methods.

KON-81

Konigsford, w.L.
"Developing Standards for Operating System Security," Computer Security Journal, Spring 1981, pp. 45-60.

Key Words: control, OS, methods.

KRA-88

Krayem, R.
"Smart Cards: A New Tool for Identification and Access Protection," Information Age (U.K.), April 1988, pp. 85-88.

Key Words: control, techniques, authentication.

KUR-85

Kurth, H.
"Paper Output Labeling in a Dedicated System Running Under MVS," Proc. 8th Natl. Comp. Sec. Conf., (5: NCS-85), 1985, pp. 86-90.

Key Words: techniques, methods.

KUR-85a

Kurzban, S.A.
"Easily Remembered Passphrases -- A Better Approach," ACM Sec., Audit & Control Review, Fall-Winter 1985, pp. 10-21.

Key Words: control, passwords.

KUR-89

Kurzban, S.
"Toward a Model for Commercial Access Control," Report, Invitat. Workshop on Data Integrity, NIST, (4: RUT-89), 1989, pp. A.9.1-6.

Key Words: control, models.

LAI-89

Laih, C.S., L. Ham, and J.Y. Lee
"On the Design of a Single-Key-Lock Mechanism Based on Newton's Interpolating Polynomial," IEEE Trans. on Software Engr., September 1989, pp. 1135-1137.

Key Words: control, techniques.

LAM-81

Lamport, L.
"Passwords Authentication With Insecure Communication," Communications of the ACM, November 1981, pp. 770-772.

Key Words: authentication, methods, passwords, network.

LAN-89

Landau, C.R.
"Security in a Secure Capability-Based System," ACM Operating Systems Review, October 1988, pp. 2-4.

Key Words: control, capability, techniques.

LAR-86

Larson, J.A.
"Granting and Revoking Discretionary Authority," Information Systems (U.K.), Vol. 13, No. 1, 1988.

Key Words: control, discretionary, methods, techniques.

LEE-84

Lee, T.M.P.
"Future Directions of Security for Sperry Series 1100 Computers," Proc. 7th Seminar, DoD Comp. Sec. Progr., (5: DOD-84), 1984, pp. 161-168.

Key Words: control, design, methods.

LEE-88

Lee, T.M.P.
"Using Mandatory Integrity to Enforce 'Commercial' Security," Proc. 1988 IEEE Symp. on Sec. & Privacy, (5: IEE-88a), pp. 140-146.

Key Words: control, integrity, methods.

LEG-83

Legrand, S.
"Access Control for a Safety Critical Distributed System Interface Set," AIAA No. 87-3083, Proc. 3d Aerosp. Comp. Sec. Conf., (5: IEE-87b), 1987, pp. 108-113.

Key Words: control, techniques.

LEG-88

Legge, J.
"Rendering a Commercial Operating System Security," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 273-289.

Key Words: control, OS, methods.

LEV-83

Leveson, N.G., and P.R. Harvey
"Analyzing Software Safety," IEEE Trans. on Software Engr., September, 1983, pp. 569-579.

Key Words: software, safety.

LIP-82

Lipner, S.B.
"Nondiscretionary Controls for Commercial Applications," Proc. 1982 IEEE Symp. on Sec. & Privacy, (5: IEE-82), pp. 2-10.

Key Words: controls, methods, techniques.

LIP-85

Lipner, S.B.
"Secure System Development at Digital Equipment: Targetting the Needs of a Commercial and Government Customer Base," Proc. 9th Natl. Comp. Sec. Conf., (5: NCS-85), 1985, pp. 120-123.

Key Words: developemnt, description.

LIP-85a

Lipton, D.L. and H.K.T. Wong
"Modern Trends in Authentication," ACM Security Audit & Control Review, Winter 1985, pp. 35-42.

Key Words: authentication, general.

- LIP-86
Lipton, D.L.
"Logical Authentication Study," ACM Sec., Audit & Control Review, Spring 1986, pp. 9-20.

Key Words: authentication, methods.
- LOP-84
Lopriore, L.
"Capability Based Tagged Architectures," IEEE Trans. on Computers, September 1984, pp. 786-803.

Key Words: architecture, capability.
- LUK-84
Luke, L.R.
"Password Security Systems," EDPACS, October 1984, pp. 1-6.

Key Words: control, passwords.
- LUN-89
Lunt, T.F.
"Access Control Policies: Some Unanswered Questions," Computers & Security, February 1989, pp. 43-54.

Key Words: control, policy.
- MAR-87
Maria, A.
"RACF Implementation at Pudget Power," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 91-97.

Key Words: control, software.
- MAR-88
Martin, D.F., and J.V. Cook
"Adding ADA Program Verification Capability to the State Delta Verification System (SDVS)," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 139-146.

Key Words: verification, methods.
- MEN-88
Menkus, B.
"Understanding the Use of Passwords," Computers & Security, April 1988, pp. 132-136.

Key Words: awareness, passwords.
- MEN-88a
Menkus, B.
"Understanding Password Compromise," Computers & Security, December 1988, pp. 549-552.

Key Words: awareness, passwords.
- MIL-89
Miller, D.V., and R.W. Baldwin
"Access Control by Boolean Expression Evaluation," Proc. 5th Security Applic. Conf., (4: IEE-89c), 1989, pp. 131-139.

Key Words: control, techniques.
- MIN-84
Minsky, N.H.
"Selective and Locally Controlled Transport of Privileges," ACM Trans. on Programming Languages and Systems, October 1984.

Key Words: control, techniques.
- MOF-88
Moffett, J.D. and M.S. Sloman
"The Source of Authority for Commercial Access Control," IEEE Computer, February 1988, pp. 59-69.

Key Words: control, management.
- MOL-84
Molloy, C.
"Improving Security Controls within CICS," TeleSystems Journal, March/April 1984, pp. 3-11.

Key Words: control, methods.
- MON-84
Montini, G., and F. Sirovich
"Access Control Models and Office Structures," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 473-485.

Key Words: control, models.
- MOR-86
Morshedian, D.
"How to Fight Passwords Pirates and Win," IEEE Computer, January 1986, pp. 104-105.

Key Words: control, passwords.
- MUR-84
Murray, W.H.
"Security Considerations for Personal Computers," IBM Systems Journal, No. 3, 1984, pp. 297-304.

Key Words: control, PC, methods.
- NBS-85
Password Usage. FIPS-PUB 112, National Bureau of Standards, Gaithersburg, MD, May 1985.

Key Words: passwords, guidelines, techniques, management.
- NBS-85a
Standard on Computer Data Authentication, FIPS-PUB 113, National Bureau of Standards, Gaithersburg, MD, May 1985.

Key Words: authentication, methods, guidelines, techniques.
- NES-83
Nesett, D.M.
"Security Mechanisms in LINC," Proc. 6th Seminar, DoD Comp. Sec. Progr., (5: DOD-83a), 1983, pp. 60-64.

Key Words: control, description.

NEW-86

Newsome, R.M.
"Access Controls Within an IBM System/34 Environment," EDPACS, December 1986, pp. 1-6.

Key Words: control, description.

NEW-88

Newberry, M., and J. Seberry
"Experience in Using a Type Signature Password for User Authentication in a Heavily Used Computing Environment," Proc. IFIP/Sec. '88, Australia, (2: CAE-89), 1989, pp. 303-307.

Key Words: control, passwords.

OPA-86

Opaska, W.P.
"Access Control Systems for Personal Computers," EDPACS, August 1986, pp. 6-8.

Key Words: control, PC, methods.

OPA-86a

Opaska, W.P.
"Closing the VAX Default Password 'Backdoor'," EDPACS, September 1986, pp. 6-9.

Key Words: control, passwords, vulnerabilities.

PAA-83

Paans, R., and G. Bonnes
"Surreptitious Security Violation in the MVS Operating System," Computers & Security, June 1983, pp. 144-152.

Key Words: threats, OS, methods.

PAA-86

Paans, R.
A Close Look at MVS Systems: Mechanisms, Performance and Security, North-Holland Elsevier, New York, 1986.

Key Words: book, control, methods.

PAA-86a

Paans, R.
"Performance Aspects of MVS Access Control," Proc. IFIP/Sec. '86, Monte Carlo, 1986, (2: GRI-89).

Key Words: control, description.

PAA-86b

Paans, R., and I.S. Herschberg
"How to Control MVS User SuperVisor Calls," Computers & Security, March 1986, pp. 46-54.

Key Words: control, description.

POS-87

Post, G.V.
"Improving Operating System Security," Computers & Security, October 1987, pp. 417-425.

Key Words: control, OS, methods.

POW-87

Power, J.M., and S.R. White
"Authentication in a Heterogenous Environment," Computers & Security, February 1987, pp. 41-48.

Key Words: authentication, methods.

POZ-86

Pozzo, M.M., and T.E. Gray
"Managing Exposure to Potentially Malicious Programs," Proc. 9th Natl. Comp. Sec. Conf., (5: NCS-86), 1986, pp. 75-80.

Key Words: threats, management.

POZ-89

Pozzo, M., and S. Crocker
"Work-In Progress: Transformation Procedure (TP) Certification," Report, Invitat. Workshop on Data Integrity, NIST, (4: RUT-89), 1989, pp. A.8.1-15.

Key Words: certification, methods.

RAB-89

Rabin, M.O.
"Efficient Dispersal of Information for Security, Load Balancing, and Fault Tolerance," Journal of the ACM, April 1989, pp. 335-348.

Key Words: control, design, methods.

RAJ-82

Rajunas, S.A.
"Meeting Policy Requirements Using Object-Oriented Systems," Proc. 5th Seminar, DoD Comp. Sec. Progr., (5: DOD-82), 1982, pp. 227-232.

Key Words: requirements, policy.

RAL-88

Raleigh, T., and R. Underwood
"CRACK: A Distributed Password Adviser," Proceedings, USENIX UNIX Security Workshop, August 1988.

Key Words: control, passwords.

RAN-86

Randell, B., and J.E. Dobson
"Reliability and Security Issues in Distributed Computing Systems," Proceedings, 5th IEEE Symposium on Reliability in Distributed Software and Database Systems, January 1986, pp. 113-118.

Key Words: control, design, methods.

REE-84

Reeds, J., and P. Weinburger
"File Security and the UNIX
System Crypt Command,"
AT&T Bell Lab. Technical
Journal, October 1984, pp.
1673-1684.

Key Words: control,
techniques.

REI-86

Reid, B.
"Lessons from the UNIX
Breakin at Stanford," ACM
Software Engineering Notes,
October 1986, pp. 29-35.

Key Words: OS,
vulnerabilities.

REI-88

Reisinger, D.A.
"Access Control Methods of
VAX/VMA," Information
Age, (U.K.), July 1988, pp.
162-168.

Key Words: control,
descriptions.

RID-89

Riddle, B.L., M.S. Miron,
and J.A. Semo
"Passwords in Use in a
University Timesharing
Environment," Computers &
Security, November 1989, pp.
569-579.

Key Words: control,
passwords.

ROW-87

Rowe, K.E., and
C.O. Ferguson, Jr.
"ADA Technology/Compusec
Insertion Status Report,"
Proc. 10th Natl. Comp. Sec.
Conf., (5: NCS-87a), 1987,
pp. 357-360.

Key Words: control,
requirements.

RUT-89

Ruthberg, Z.G., and
W.T. Polk
Report of the Invitational
Workshop on Data Integrity,
SP 500-168, National Institute
of Standards and Technology,
Gaithersburg, MD, Sept. 1989.

Key Words: proceedings,
integrity.

SAN-88

Sandhu, R.
"Transaction Control
Expressions for Separation of
Duties," Proc. 4th Aerosp.
Comp. Sec. Conf., (4: IEE-
88b), 1988, pp. 282-286.

Key Words: integrity,
techniques.

SAN-88a

Sandhu, R.S.
"The N-Tree: A Two
Dimensional Partial Order for
Protection," ACM Trans. on
Computer Systems, May 1988,
pp. 197-222.

Key Words: control, methods.

SAN-88b

Sandhu, R.S.
"Nested Categories for Access
Control," Computers &
Security, December 1988, pp.
599-605.

Key Words: control, methods.

SAN-89

Sandhu, R.
"Terminology, Criteria and
System Architectures for Data
Integrity," Report, Invitat.
Workshop on Data Integrity,
NIST, (4: RUT-89), 1989, pp.
A.4.1-14.

Key Words: control, general,
methods, guidelines.

SAT-88

Satyanarayanan, M.
"Integrating Security in a
Large Distributed System,"
Postscript, 11th Natl. Comp.
Sec. Conf., (5: NCS-88a),
1988, pp. 91-108.

Key Words: control, design,
network.

SCH-83

Schweitzer, J.A.
"Computer Security: Make
Your Passwords More
Effective," EDPACS, February
1983, pp. 6-11.

Key Words: control,
passwords, methods.

SCH-88

Schokley, W.R.
"Implementing the
Clark/Wilson Integrity Policy
Using Current Technology,"
Postscript, 11th Natl. Comp.
Sec. Conf., (5: NCS-88a),
1988, pp. 29-37.

Key Words: integrity, policy,
methods.

SHA-87

Shannon, T.C.
"An Introduction to VAX/VMS
Security Mechanisms and
Techniques," Computer
Security Journal, Vol. IV, No.
2, 1987, pp. 39-47.

Key Words: control,
description.

SHE-89

Sherizen, S., and F. Engel
"Striving for Unix Security,"
Computerworld, March 20,
1989, pp. 85-93.

Key Words: control,
description.

- SIM-81**
 Simmons, G.J.
 "Half a Loaf Is Better than None: Some Novel Integrity Problems," Proc. 1981 IEEE Symp. on Sec. & Privacy, (5: IEE-81), pp. 65-69.
 Key Words: integrity, design, methods, requirements.
- SIN-85**
 Singh, K.
 "On Improvements to Password Security," ACM Operating Systems Review, January 1985, pp. 53-60.
 Key Words: control, passwords.
- SMI-87**
 Smith, S.L.
 "Authenticating Users by Word Association," Computers & Security, December 1987, pp. 464-470.
 Key Words: authentication, methods.
- SOL-88**
 Sollins, K.R.
 "Cascaded Authentication," Proc. 1988 IEEE Symp. on Sec. & Privacy, (5: IEE-88a), pp. 156-163.
 Key Words: authentication, methods.
- SPE-87**
 Spender, J.-C.
 "Identifying Computer Users with Authentication Devices (Tokens)," Computers & Security, October 1987, pp. 385-395.
 Key Words: authentication, methods.
- STE-83**
 Steinauer, D.D.
 "Technical Security Issues in Small Computer Systems," Proceedings, 1983 COMPCON Fall, September 1983.
 Key Words: control, PC, methods.
- STO-89**
 Stotts, P.S., and R. Furuta
 "Access Control and Verification in Petri-Net-Based Hyperdocuments," Proc. COMPASS '89: Comp. Assurance, (2: IEE-89), 1989, pp. 49-55.
 Key Words: control, verification, methods.
- SUM-84**
 Summers, R.C.
 "An Overview of Computer Security," IBM Systems Journal, Vol. 23, No. 4, 1984, pp. 309-325.
 Key Words: control, awareness, general.
- SYM-84**
 Symons, C.R., and J.A. Schweitzer
 "A Proposal for an Automated Logical Access Control Standard," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 115-127.
 Key Words: control, guidelines.
- TAN-82**
 Tangney, J.D., and P.S. Tasker
 "Safeguarding Today's Interactive Computer Systems," Computer Security Journal, Winter 1982, pp. 57-70.
 Key Words: control, techniques.
- TEN-87**
 Tensa, D.
 "Typical Weaknesses in Operating Systems Software," Information Age, (U.K.), April 1987, pp. 74-78.
 Key Words: OS, vulnerabilities.
- TEN-88**
 Tener, W.
 "AI and 4GL: Automated Detection and Investigation Tools," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 23-29.
 Key Words: methods, techniques.
- THO-82**
 Thom, A.B.
 "Hardware Security," Computer Security Journal, Winter 1982, pp. 105-107.
 Key Words: control, methods, architecture.
- THO-88**
 Thomas, T.
 "A Mandatory Access Control Mechanism for the UNIX File System," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 173-177.
 Key Words: control, mandatory, description.
- TUR-86**
 Turn, R., and J. Habibi
 "On the Interactions of Security and Fault-Tolerance," Proc. 9th Natl. Comp. Sec. Conf., (5: NCS-86), 1986, pp. 138-142.
 Key Words: control, design, methods.
- USA-80**
Proceedings, Third Automation Security Workshop, U.S. Army Computer Systems Command, December 1989.
 Key Words: proceedings, control.
- VAC-89**
 Vaccaro, H.S., and G.E. Liepins
 "Detection of Anomalous Computer Session Activity," Proc. 1989 IEEE Symp. on Sec. & Privacy, (5: IEE-89b), pp. 289-289.
 Key Words: control, techniques.

VAN-83

Van de Riet, R.R., and
M.L. Kersten
"Privacy and Security in
Information Systems Using
Language Features,"
Information Systems, (U.K.),
Vol. 8, No. 2, 1983, pp. 95-
103.

Key Words: control, methods.

VAN-84

Van de Goor, A.J.
"Effects of Technical
Developments on System
Security," Computers &
Security, November 1984, pp.
315-322.

Key Words: control, design,
methods.

VAS-83

Vasak, J.M.
"Issues in Secure System
Acquisition," AIAA No. 87-
3089, Proc. 3d Aerosp.
Comp. Sec. Conf., (5: IEE-
87b), 1987, pp. 114-117.

Key Words: control, design,
methods.

VET-80

Vetter, L.L.
"Computer Access Control
Software," EDPACS,
February 1980, pp. 1-12.

Key Words: control,
software.

VIN-88

Vinter, S.T.
"Extended Discretionary
Access Controls," Proc. 1988
IEEE Symp. on Sec. &
Privacy, (5: IEE-88a), pp. 39-
49.

Key Words: control,
discretionary.

WAG-88

Wagner, D.A.
"System Security in Space
Flight Operations Center,"
Proc. 4th Aerosp. Comp. Sec.
Conf., (4: IEE-88b), 1988, pp.
426-430.

Key Words: control,
description.

WAL-81

Walsh, M.E.
"Software Security," Journal
of Systems Management,
October 1981, pp. 6-13.

Key Words: control, software.

WAT-81

Wattam, K.W.
"Virtual Machine Environment
-- Security Aspects,"
Information Privacy, (U.K.),
March 1981, pp. 68-74.

Key Words: control,
architecture.

WEI-88

Weiss, J.D., and
E.G. Amoroso
"Ensuring Software Integrity,"
Proc. 4th Aerosp. Comp. Sec.
Conf., (4: IEE-88b), 1988, pp.
323-330.

Key Words: integrity,
software.

WEL-84

Wells, P.
"On-Chip Hardware Supports
Computer Security Features,"
Electronics, March 8, 1984,
pp. 128-130.

Key Words: control,
architecture.

WEL-88

Wells, C.
"A Note on 'Protection
Imperfect'," ACM Operating
Systems Review, October
1988.

Key Words: control, methods.

WIL-81

Wilkinson, A.L., et al.
"Penetration, Analysis of the
Burroughs Large Systems,"
ACM Operating Systems
Review, January 1981, pp. 14-
25.

Key Words: vulnerabilities,
threats, description.

WON-85

Wong, R.
"One-Time Passwords Fortify
System Security,"
Computerworld, December 23,
1985, pp. 31-32.

Key Words: control,
passwords.

WON-89

Wong, R.M. and Y.E. Ding
"Providing Software Integrity
Using Type Managers," Proc.
4th Aerosp. Comp. Sec. Conf.,
(4: IEE-88b), 1988, pp. 287-
298.

Key Words: integrity, software,
techniques, methods.

WOO-80

Wood, H.M.
"A Survey of Computer-Based
Password Techniques," in
Rullo, T.A., (Ed.), Advances in
Computer Security
Management, Vol. 1, Heyden
& Son, Inc. Philadelphia, PA,
1980, pp. 140-167.

Key Words: control,
passwords, general.

WOO-83

Wood, C.C.
"Effective Information Systems
Security With Password
Controls," Computers &
Security, January 1983, pp. 5-
10.

Key Words: control passwords.

WOO-84

Wood, M., and T. Elbra
System Design for Data
Protection, National
Computer Centre (UK), J.
Wiley & Sons, Chichester,
1984.

Key Words: book, general,
control, design, methods.

WOO-85

Wood, C.C.
"Floppy Diskette Security
Measures," Computers &
Security, September 1985, pp.
223-228.

Key Words: control, PC,
methods.

WOO-85a

Wood, P.H., and S.G.
Kochan
UNIX System Security,
Hayden Publishing Co.,
Hasbrouck Heights, NJ, 1985.

Key Words: book, control,
methods, description.

WOO-86

Wood, C.C., and
H.M. Zeidler
"Security Modules: Potent
Information Security System
Components," Computers &
Security, June 1986, pp. 114-
121.

Key Words: control,
techniques.

WOO-87

Woodcock, M.E.
"The Use of ADA in Secure
and Reliable Software," Proc.
10th Natl. Comp. Sec. Conf.,
(5: NCS-87a), 1987, pp. 362-
365.

Key Words: control, software,
methods.

WOO-88

Wood, C.C.
"Extended User
Authentication: The Next
Major Enhancement to Access
Packages," Proc. IFIP/Sec.
'88, Australia, (2: CAE-89),
1989, pp. 223-234.

Key Words: authentication,
methods.

WOR-85

Worthington, T.K., et al.
"IBM Dynamic Signature
Verification," Proc. IFIP/Sec.
'84, Toronto, 1984, (2: FIN-
85), pp. 129-154.

Key Words: authentication,
methods.

WUM-84

Wu, M.L., and T.Y. Hwang
"Access Control with Single
Key-Lock," IEEE Trans. on
Software Engr., May 1984, pp.
185-191.

Key Words: control, technique.

YEO-85

Yeo, G.K.
"Incorporating Access Control
in Forms Systems," Computers
& Security, June 1985, pp.
109-122.

Key Words: control, methods.

ZAJ-88

Zajac, B.P., Jr.
"Dial-Up Communication
Lines: Can They Be Secured,"
Computers & Security,
February 1988, pp. 35-36.

Key Words: control, network.

5. Trusted Systems

This section cites publications on trusted operating systems and trusted systems architecture research and development, formal evaluation criteria, implementation of the reference monitor concept, design of trusted operating systems, descriptions of specific systems, correctness proof methods and techniques for trusted systems, and certification criteria.

ABR-86

Abrams, M.D.,
H.J. Podell (Eds.),
Computer and Network
Security Tutorial, IEEE
Computer Society Press,
Washington, DC, 1986.

Key Words: book, general,
methods.

AKL-82

Akl, S.G., and P.D. Taylor
"Cryptographic Solution to a
Multilevel Security Problem,"
Proc. Crypto '82, Santa
Barbara, (9: CHA-83b), 1982,
pp. 237-249.

Key Words: MLS,
cryptography.

ALB-87

Albert, S.B.
"Criteria Extension for
Distributed Systems," AIAA
No. 87-3095, Proc. 3d
Aerosp. Comp. Sec. Conf.,
(5: IEE-87b), 1987, pp. 122-
127.

Key Words: criteria,
networks.

AME-80

Ames, S.R., and
J.G. Keeton-Williams
"Demonstrating Security for
Trusted Applications on a
Security Kernel," Proc. 1980
IEEE Symp. on Sec. &
Privacy, (5: IEE-80), 145-
156.

Key Words: trusted, kernel,
methods.

AME-81

Ames, S.R., Jr.
"Security Kernels: A Solution
or a Problem," Proc. 1981
IEEE Symp. on Sec. &
Privacy, (5: IEE-81), pp. 141-
150.

Key Words: kernels, general,
methods.

AME-83

Ames, S.R. Jr., M. Gasser,
and R.R. Schell
"Security Kernel Design and
Implementation: An
Introduction," IEEE Computer,
July 1983, pp. 14-22.

Key Words: kernel, design,
general.

AND-82

Anderson, J.P.
"Accelerating Computer
Security Innovations," Proc.
1982 IEEE Symp. on Sec. &
Privacy, (5: IEE-82), pp. 91-
97.

Key Words: trusted, methods,
general.

AND-83

Anderson, J.P.
"An Approach to
Identification of Minimum
TCB requirements for Various
Threat/Risk Environments,"
Proc. 1983 IEEE Symp. on
Sec. & Privacy, (5: IEE-83a),
pp. 102-104.

Key Words: TCB,
requirements, risk.

AND-85

Anderson, E.R.
"ADA's Suitability for Trusted
Computer Systems," Proc.
1985 IEEE Symp. on Sec. &
Privacy, (5: IEE-85), pp. 184-
189.

Key Words: trusted,
requirements.

ARN-84

Arnold, T.S.
"The Practical Aspects of
Multi-level Security," Proc. 7th
Seminar, DoD Comp. Sec.
Progr., (5: DOD-84), 1984, pp.
30-37.

Key Words: MLS, design,
methods.

ARN-85

Arnold, T.S.
"Multilevel Security from a
Practical Point of View," Proc.
8th Natl. Comp. Sec. Conf.,
(5: NCS-85), 1985, pp. 43-46.

Key Words: MLS, design,
methods.

ASH-89

Asby, V.A., T. Gregg,
and A. Lee
"Security Approach for Rapid
Prototyping in Multilevel
Secure Systems," Proc. 5th
Security Applicat. Conf., (4:
IEE-89c), 1989, pp. 328-334.

Key Words: MLS, design,
methods.

BAR-84

Barnes, D.
 "Secure Communications
 Processor Research," Proc.
 7th Seminar, DoD Comp.
 Sec. Progr., (5: DOD-84),
 1984, pp. 312-318.

Key Words: MLS, design,
 network.

BAR-88

Barker, W.C., P. Cochrane,
 and M. Branstad
 "Embedding Cryptography
 into a Trusted Mach System,"
Proc. 4th Aerosp. Comp. Sec.
 Conf., (4: IEE-88b), 1988,
 pp. 379-383.

Key Words: OS, design,
 cryptography.

BAR-89

Barker, W.C.
 "Use of Privacy-Enhanced
 Mail for Software
 Distribution," Proc. 5th
 Security Applicat. Conf., (4:
 IEE-89c), 1989, pp. 344-347.

Key Words: methods,
 software.

BAX-86

Baxter, M.S.J.
 "A Layered Architecture for
 Multilevel Security," Proc.
 IFIP/Sec. '86, Monte Carlo,
 1986, (2: GRI-89).

Key Words: MLS,
 architecture.

BEL-84

Bell, D.E.
 "Working Toward A1," Proc.
 7th Seminar, DoD Comp.
 Sec. Progr., (5: DOD-84),
 1984, pp. 24-29.

Key Words: MLS, trusted,
 design.

BEN-84

Benzel, T.V.
 "Analysis of a Kernel
 Verification," Proc. 1984
 IEEE Symp. on Sec. &
 Privacy, (5: IEE-84), pp. 125-
 131.

Key Words: verification,
 kernel.

BEN-85

Benzel, T.C.V. and
 D.A. Travilla,
 "Trusted Software
 Verification: A Case Study,"
Proc. 1985 IEEE Symp. on
 Sec. & Privacy, (5: IEE-85),
 pp. 14-31.

Key Words: verification,
 software.

BEN-89

Benzel, T.C.V.
 "Developing Trusted Systems
 Using DOD-STD-2167A,"
Proc. 5th Sec. Applicat. Conf.,
 (4: IEE-89c), 1989, pp. 166-
 176.

Key Words: trusted, design,
 methods.

BER-80

Berstis, V.
 "Security and Protection of
 Data in the IBM System/38,"
Proceedings, 7th IEEE
 Conference on Computer
 Architectures, 1980, pp. 245-
 252.

Key Words: design, methods,
 case.

BER-88

Berch, R., et al.
 "Use of Automated
 Verification Tools in a Secure
 Software Development
 Methodology," Proc. 11th
 Natl. Comp. Sec. Conf., (5:
 NCS-88), 1988, pp. 284-289.

Key Words: verification,
 software.

BEV-89

Bevier, W.R.
 "Kit: A Study in Operating
 System Verification," IEEE
 Trans. on Software Engr.,
 November 1989, pp. 1382-
 1396.

Key Words: verification, OS,
 case.

BIR-86

Birrell, A.D., et al.
 "A Global Authentication
 Service Without Global Trust,"
Proc. 1986 IEEE Symp. on
 Sec. & Privacy, (5: IEE-86),
 pp. 223-230.

Key Words: authentication,
 methods.

BLA-81

Blakely, G.R., G. Ma,
 and L. Swanson
 "Security Proofs for
 Information Protection
 Systems," Proc. 1981 IEEE
 Symp. on Sec. & Privacy, (5:
 IEE-81), pp. 75-88.

Key Words: verification,
 methods.

BLO-86

Blotcky, S., K. Lynch,
 and S. Lipner
 "SE/VMS: Implementing
 Mandatory Security in
 VAX/VMS," Proc. 9th Natl.
 Comp. Sec. Conf., (5: NCS-
 86), 1986, pp. 47-54.

Key Words: MLS, design,
 case.

BOE-85

Boebert, W.E., R.Y. Kain,
 and W.D. Young
 "Secure Computing: The
 Secure Ada Target Approach,"
Scientific Honeyweller, July
 1985, pp. 1-17.

Key Words: MLS, design,
 methods.

BOE-85a

Boebert, W.E., et al.
 "Secure Ada Target: Issues,
 System Design, and
 Verification," Proc. 1986
 IEEE Symp. on Sec. &
 Privacy, (5: IEE-86), pp.
 176-183.

Key Words: MLS,
 verification, design.

BOE-88

Boebert, W.E.
 "The LOCK Demonstration,"
Postscript, 11th Natl. Comp.
 Sec. Conf., (5: NCS-88a),
 1988, pp. 73-88.

Key Words: TCB,
 architecture, design.

BOE-88a

Boebert, W.E.
 "Constructing an Infosec
 System Using the LOCK
 Technology," Postscript, 11th
 Natl. Comp. Sec. Conf., (5:
 NCS-88a), 1988, pp. 89-95.

Key Words: TCB, design,
 techniques.

BON-83

Bonyun, D.A.
 "The Use of Architectural
 Principles in the Design of
 Certifiably Secure Systems,"
Computers & Security, June
 1983, pp. 153-162.

Key Words: architecture,
 TCB, design.

BON-84

Bonyun, D.A.
 "Formal Verification: Its
 Purpose and Practice," Proc.
 IFIP/Sec. '84, Toronto, 1984,
 (2: FIN-85), pp. 217-223.

Key Words: verification,
 general.

BON-89

Bondi, J.O., and
 M.A. Branstad
 "Architectural Support of
 Fine-Grained Secure
 Computing," Proc. 5th
 Security Applicat. Conf., (4:
 IEE-89c), 1989, pp. 121-130.

Key Words: architecture,
 design.

BRA-84

Brand, S.L.
 "Environmental Guidelines for
 Using the DoD Trusted
 Computer Systems Evaluation
 Criteria," Proc. 7th Seminar,
 DoD Comp. Sec. Progr., (5:
 DOD-84), 1984, pp. 17-23.

Key Words: criteria,
 guidelines.

BRA-86

Branstad, M.A., et al.
 "Trust Issues of MACH-1,"
Proc. 9th Natl. Comp. Sec.
 Conf., (5: NCS-86), 1986, pp.
 209-212.

Key Words: trusted, OS,
 policy, case.

BRA-87

Branstad, M., et al.
 "Trusted Mach Design," Proc.
 3d Aerosp. Comp. Sec. Conf.,
 (5: IEE-87b), 1987, pp. 24-29.

Key Words: OS, design, case.

BRA-88

Branstad, M., and F.L. Mayer
 "Access Mediation in Server-
 Oriented Systems: An
 Examination of Two
 Systems," Proc. 11th Natl.
 Comp. Sec. Conf., (5: NCS-
 88), 1988, pp. 309-318.

Key Words: control, design,
 methods.

BRA-88a

Branstad, M., H. Tajalli,
 and F. Mayer
 "Security Issues of the Trusted
 Mach System," Proc. 4th
 Aerosp. Comp. Sec. Conf., (4:
 IEE-88b), 1988, pp. 362-367.

Key Words: trusted, OS,
 policy, case.

BRA-89

Branstad, M., et al.
 "Access Mediation in a
 Message Passing Kernel,"
Proc. 1989 IEEE Symp. on
 Sec. & Privacy, (5: IEE-89b),
 pp. 66-72.

Key Words: control, kernel,
 design.

BRA-89a

Branstad, M., and J. Landauer
 "Assurance for the Trusted
 Mach Operating System," Proc.
 COMPASS-89, Comp.
 Assurance, (4: IEE-89), pp.
 103-108.

Key Words: verification, OS,
 case.

BRI-85

Britton, D.E.
 "Verlangen: A Verification
 Language for Designs of
 Secure Systems," Proc. 8th
 Natl. Comp. Sec. Conf., (5:
 NCS-85), 1985, pp. 70-81.

Key Words: verification,
 methods.

BRO-88

Brown, G.L.
 "Interdependence of Evaluated
 Subsystems," Proc. 11th Natl.
 Comp. Sec. Conf., (5: NCS-
 88), 1988, pp. 330-332.

Key Words: trusted, design,
 general.

BUS-83

Bussolati, U. and G. Martella
"The Design of Secure
Distributed Systems,"
Proceedings, 1983 IEEE
Compton Spring Conf., 1983,
pp. 492-498.

Key Words: trusted, design,
general.

CAR-86

Carlson, R.A., and T.F. Lunt,
"The Trusted Domain
Machine: A Secure
Communications Device for
Security Guard Applications,"
Proc. 1986 IEEE Symp. on
Sec. & Privacy, (5: IEE-86),
pp. 182-186.

Key Words: trusted, network,
design.

CAR-87

Carson, M.E., et al.
"From B2 to CMU: Building
a Compartmental Mode
Workstation on a Secure
Xenix Base," Proc. 3d
Aerosp. Comp. Sec. Conf.,
(5: IEE-87b), 1987, pp. 35-
43.

Key Words: MLS, design,
case.

CAR-88

Carroll, J.M.
"Implementing Multilevel
Security by Violation
Privilege," Computers &
Security, December 1988, pp.
563-573.

Key Words: MLS, design,
methods.

CAS-88

Casey, T.A., et al.
"A Secure Distributed
Operating System," Proc.
1988 IEEE Symp. on Sec. &
Privacy, (5: IEE-88a), pp. 27-
38.

Key Words: MLS, OS,
network, design.

CAS-89

Casey, T., et al.
"Secure Automated Document
Delivery," Proc. 5th Security
Applicat. Conf., (4: IEE-89c),
1989, pp. 348-355.

Key Words: trusted, methods.

CHE-81

Cheheyl, M.H., et al.
"Verifying Security," ACM
Computing Surveys,
September 1981, pp. 279-339.

Key Words: verification,
general.

COO-88

Cook, J., and D.F. Martin
"Adding Ada Program
Verification Capability to the
State Delta Verification
System (SDVS)," Proc. 11th
Natl. Comp. Sec. Conf., (5:
NCS-88), 1988, pp. 139-146.

Key Words: verification,
methods.

COR-84

Cornwell, M.R. and
R.J.K. Jacob
"Structure of a Rapid
Prototype Secure Military
Message System," Proc. 7th
Seminar, DoD Comp. Sec.
Program, (5: DOD-84), 1984,
pp. 48-57.

Key Words: MLS, design,
case, network.

COR-89

Cornwell, M.R.
"A Software Engineering
Approach to Designing
Trustworthy Software," Proc.
1989 IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp.
148-156

Key Words: trusted, software,
design.

COX-81

Cox, L.A., and R.R. Schell
"The Structure of a Security
Kernel for a Z8000
Multiprocessor," Proc. 1981
IEEE Symp. on Sec. &
Privacy, (5: IEE-81), pp. 124-
129.

Key Words: kernel, design,
case, architecture.

CRA-84

Craig, D.,
"Ottawa Euclid and EVES: A
Status Report," Proc. 1984
IEEE Symp. on Sec. &
Privacy, (5: IEE-84), pp. 114-
124.

Key Words: verification,
design, case.

CRA-87

Craig, D.
"m-EVES," Proc. 10th Natl.
Comp. Sec. Conf., (5: NCS-
87a), 1987, pp. 109-117.

Key Words: verification,
design, case, methods.

CRO-88

Crocker, S.D., et al.
"Reverification of a
Microprocessor," Proc. 1989
IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp. 166-
176.

Key Words: verification,
architecture, techniques,
methods, case.

CRO-88a

Crow, J.S., et al.
"EHDM Verification
Environment -- An Overview,"
Proc. 11th Natl. Comp. Sec.
Conf., (5: NCS-88), 1988, pp.
147-155.

Key Words: verification,
design, case.

CRO-89

Crocker, S.D., and
E.J. Siarkiewics
"Software Methodology for
Development of a Trusted
MBS," Proc. 5th Security
Applicat. Conf., (4: IEE-89c),
1989, pp. 148-165.

Key Words: trusted, software,
methods.

CSC-85

Computer Security
Requirements -- Guidance for
Applying the Department of
Defense Trusted Computer
System Evaluation Criteria,
CSC-STD-003-85, National
Computer Security Center, Ft.
Meade, MD, 25 June 1985.

Key Words: guidelines,
criteria.

CSC-85a

Technical Rationale Behind
CSC-STD-003-85: Computer
Security Requirements, CSC-
STD-004-85, National
Computer Security Center, Ft.
Meade, MD, 25 June 1985.

Key Words: criteria,
guidelines.

CSC-87

A Guide to Understanding
Discretionary Access Control
in Trusted Systems, NCSC-
TG-003, National Computer
Security Center, Ft. Meade,
MD, 1 June 1988.

Key Words: guidelines,
control.

CSC-88

A Guide to Understanding
Configuration Management in
Trusted Systems, NCSC-TG-
006, National Computer
Security Center, Ft. Meade,
MD, 28 March 1988.

Key Words: guidelines,
design.

CSC-88a

A Guide to Understanding
Audit in Trusted Systems,
NCSC-TG-001, National
Computer Security Center, Ft.
Meade, MD, 1 June 1988.

Key Words: guidelines,
auditing.

CSC-88b

Computer Security Subsystem
Interpretation of the Trusted
Computer System Evaluation
Criteria, NCSC-TG-009,
National Computer Security
Center, Ft. Meade, MD, 16
September 1988.

Key Words: guidelines, TCB,
criteria.

CSC-88c

A Guide to Understanding
Design Documentation in
Trusted Systems, NCSC-TG-
007, National Computer
Security Center, Ft. Meade,
MD, 2 October 1988.

Key Words: guidelines,
design.

CSC-88d

A Guide to Understanding
Trusted Distribution in
Trusted Systems, NCSC-TG-
008, National Computer
Security Center, Ft. Meade,
MD, 15 December 1988.

Key Words: guidelines,
design.

CSC-89

Guidelines for Formal
Verification Systems, NCSC-
TG-014, National Computer
Security Center, Ft. Meade,
MD, 1 April 1989.

Key Words: guidelines,
verification.

CSC-89a

Rating Maintenance Phase
Program Document, NCSC-
TG-013, National Computer
Security Center, Ft. Meade,
MD, 23 June 1989.

Key Words: guidelines, design.

CUM-87

Cummings, P.T., et al.
"Compartmented Mode
Workstation: Results Through
Prototyping," Proc. 1987 IEEE
Symp. on Sec. & Privacy, (5:
IEE-87a), pp. 2-12.

Key Words: MLS, design,
case, methods.

CUT-88

Cutler, M.
"Verifying Implementation
Correctness Using the State
Delta Verification System
(SDVS)," Proc. 11th Natl.
Comp. Sec. Conf., (5: NCS-
88), 1988, pp. 156-161.

Key Words: verification,
design, case.

DAN-82

Dannenber, R.B., and
G.W. Ernst
"Formal Program Verification
Using Symbolic Execution,"
IEEE Trans. on Software
Engr., January 1982, pp. 43-
52.

Key Words: verification,
methods.

DAV-80

Davida, G.I., et al.
"A System Architecture to
Support a Verifiably Secure
Multi-Level Security System,"
Proc. 1980 IEEE Symp. on
Sec. & Privacy, (5: IEE-80),
pp. 137-144.

Key Words: MLS, architecture,
design.

DIT-82

Dittrich, K.R., et al.
"Protection in the OSKAR
Operating System: Goals,
Concepts, Consequences,"
Proc. 1982 IEEE Symp. on
Sec. & Privacy, (5: IEE-82),
pp. 46-56.

Key Words: OS, policy,
methods, case.

DIV-87

Di Vito, B.L., and
L.A. Johnson
"A Gypsy Verifier Assistant,"
Proc. 10th Natl. Comp. Sec.
Conf., (5: NCS-87a), 1987,
pp. 183-192.

Key Words: verification,
methods.

DOD-80

Proceedings, Second Seminar
on the DoD Computer
Security Initiative Program,
Department of Defense,
Washington, DC, January
1980.

Key Words: proceedings,
MLS, design.

DOD-80a

Proceedings, Third Seminar
on the DoD Computer
Security Initiative Program,
Department of Defense,
Washington, DC, November
1980.

Key Words: proceedings,
MLS, design.

DOD-81

Proceedings, Fourth Seminar
on the DoD Computer
Security Initiative Program,
Department of Defense,
Washington, DC, August
1981.

Key Words: proceedings,
MLS, design.

DOD-82

Proceedings, Fifth Seminar on
the DoD Computer Security
Initiative Program, Department
of Defense, Washington, DC,
May 1982.

Key Words: proceedings,
MLS, design.

DOD-83

Proceedings, Sixth Seminar on
the DoD Computer Security
Initiative, National Bureau of
Standards, November 1983.

Key Words: proceedings,
MLS, design.

DOD-83a

Department of Defense
Trusted Computer System
Evaluation Criteria, CSC-STD-
001-83, DoD Computer
Security Center, Ft. George G.
Meade MD, 15 August 1983.

Key Words: MLS, criteria,
policy, verification, TCB,
design.

DOD-84

Proceedings, Seventh Seminar
on the DoD Computer Security
Initiative, DoD Computer
Security Center, Ft. Meade,
MD, September 1984.

Key Words: proceedings,
MLS, design.

DOD-85

Department of Defense
Trusted Computer System
Evaluation Criteria, DoD
5200.28-STD, U.S.
Department of Defense,
Washington, DC, December
1985.

Key Words: MLS, TCB,
criteria.

DOW-85

Downs, D.D. et al.
"Issues in Discretionary
Access Control," Proc. 1985
IEEE Symp. on Sec. &
Privacy, (5: IEE-85), pp. 208-
218.

Key Words: discretionary,
control.

ECK-87

Eckman, S.T.
"InaFlo: The FDM Flow
Tool," Proc. 10th Natl. Comp.
Sec. Conf., (5: NCS-87a),
1987, pp. 175-182.

Key Words: verification,
methods.

ELO-85

Eloff, J.H.P.
"The Development of a
Specification Language for a
Computer Security System,"
Computers & Security, June
1985, pp. 143-147.

Key Words: specification,
methods.

FAR-86

Farmer, W.M., D.M. Johnson,
and F.J. Thayer
"Towards A Discipline for
Developing Verified Software,"
Proc. 9th Natl. Comp. Sec.
Conf., (5: NCS-86), 1986, pp.
91-98.

Key Words: verification,
software.

FEL-87

Fellows, J., et al.
"The Architecture of a
Distributed Trusted Computing
Base," Proc. 10th Natl. Comp.
Sec. Conf., (5: NCS-87a),
1987, pp. 68-77.

Key Words: architecture, TCB,
network.

FET-88

Fetzer, J.H.
"Program Verification: The
Very Idea," Communications
of the ACM, September 1988.

Key Words: verification,
general.

FRA-83

Fraim, L.J.
"SCOMP: A Solution to the
MLS Problem," Proc.
IFIP/Sec. '83, Stockholm,
1983, (2: FAK-83), pp. 275-
286.

Key Words: MLS, design,
network, case.

FRA-86

Fraim, L.J.
"The Challenge After A1 --
A View of the Security
Market," Proc. 9th Natl.
Comp. Sec. Conf., (5: NCS-
86), 1986, pp. 41-46.

Key Words: trusted, design,
general.

FRE-88

Freeman, J., R. Neely, and
L. Megalo
"Developing Secure Systems:
Issues and Solutions," Proc.
4th Aerosp. Comp. Sec.
Conf., (4: IEE-88b), 1988,
pp. 183-190.

Key Words: MLS, design,
general.

GAB-86

Gabriele, M.
"Smart Terminals for Trusted
Computer Systems," Proc. 9th
Natl. Comp. Sec. Conf., (5:
NCS-86), 1986, pp. 16-20.

Key Words: trusted, MLS,
design, network.

GAM-88

Gambel, D., and S. Walter
"Retrofitting and Developing
Applications for a Trusted
Computing Base," Proc. 11th
Natl. Comp. Sec. Conf., (5:
NCS-88), 1988, pp. 344-346.

Key Words: TCB, design,
techniques.

GAS-88

Gasser, M.
Building a Secure Computer
System, Van Nostrand
Reinhold, New York, 1988

Key Words: book, general,
MLS, design.

GAS-89

Gasser, M., et al.
"The Digital Distributed
System Security Architecture,"
Proc. 12th Natl. Comp. Sec.
Conf., (5: NCS-89), 1989, pp.
305-319.

Key Words: architecture,
design, case.

GLA-84

Glasgow, J.I., et al.
"Specifying Multilevel
Security in a Distributed
System," Proc. 7th Seminar,
DoD Comp. Sec. Program, (5:
DOD-84), 1984, pp. 319-340.

Key Words: MLS,
specification, design.

GLI-83

Gligor, V.D.
"A Note on the Denial of
Service Problem," Proc. IEEE
Symposium on Security and
Privacy, April 1983, pp. 139-
149.

Key Words: denial, threats,
design.

GLI-83a

Gligor, V.D.
"The Verification of
Protection Mechanisms of
High-Level Language
Machines," International
Journal of Computer and
Information Sciences, August
1983, pp. 211-246.

Key Words: verification,
methods.

GLI-84

Gligor, V.D.
"A Note on Denial-of-Service
Problem in Operating
Systems," IEEE Trans. on
Software Engr., May 1984, pp.
320-324.

Key Words: denial, threats,
design.

GLI-85

Gligor, V.D.,
"Analysis of the Hardware
Verification of the Honeywell
SCOMP," Proc. 1985 IEEE
Symp. on Sec. & Privacy, (5:
IEE-85), pp. 32-44.

Key Words: verification, case.

GLI-86

Gligor, V.D., et al.
"On the Design and the
Implementation of Secure
Xenix Workstations," Proc.
1986 IEEE Symp. on Sec. &
Privacy, (5: IEE-86), pp. 102-
117.

Key Words: MLS, policy,
design, case.

GLI-86a

Gligor, V.D., and
C.S. Chandrasekaran
"Toward the Development of
Secure Distributed Systems,"
Proc. IFIP/Sec. '86, Monte
Carlo, 1986, (2: GRI-89).

Key Words: MLS, network,
design.

GLI-86b

Gligor, V.D., et al.
"A New Security Testing
Method and Its Application to
the Secure Xenix Kernel,"
Proc. 9th Natl. Comp. Sec.
Conf., (5: NCS-86), 1986, pp.
40-59

Key Words: verification,
design, case.

GLI-87

Gligor, V.D., et al.
"Design and Implementation
of Secure Xenix," IEEE
Trans. on Software Engr.,
February 1987, pp. 208-221.

Key Words: MLS, policy,
design, case.

GLI-87a

Gligor, V.D., et al.
"A New Security Testing
Method and Its Application
to Secure Xenix Kernel,"
IEEE Trans. on Software
Engr., February 1987, pp.
169-183.

Key Words: verification,
case.

GOL-81

Golberg, D.L.
"The SDC Communications
Kernel," Proc. 4th Seminar,
DoD Comp. Sec. Progr., (5:
DOD-81), 1981, pp. P1-P33.

Key Words: kernel, network,
case.

GOL-84

Gold, B.D., R.R. Linde, and
P.F. Cudney
"KVM/370 in Retrospect,"
Proc. 1984 IEEE Symp. on
Sec. & Privacy, (5: IEE-84),
pp. 13-23.

Key Words: kernel, design,
case.

GOO-88

Good, D.I.
"Producing Secure Digital
Information Systems," Proc.
4th Aerosp. Comp. Sec.
Conf., (4: IEE-88b), 1988,
pp. 180-182.

Key Words: MLS, design,
techniques.

GRA-88

Graubart, R.D.
"Dual Labels Revisited," Proc.
4th Aerosp. Comp. Sec.
Conf., (4: IEE-88b), 1988, pp.
167-172.

Key Words: MLS, design,
techniques.

GRE-89

Grenier, G.-L., R.C. Holt, and
M. Funkenhauser
"Policy vs. Mechanism in
Secure TUNIS Operating
System," Proc. 1989 IEEE
Symp. on Sec. & Privacy, (5:
IEE-89b), pp. 84-93.

Key Words: policy, design,
case.

GUS-87

Guspari, D., C.D. Harper,
and N. Ramsey
"An ADA Verification
Environment," Proc. 10th
Natl. Comp. Sec. Conf., (5:
NCS-87a), 1987, pp. 366-371.

Key Words: verification, case.

HAD-88

Hadley, S., et al.
"A Secure SDS Software
Library," Proc. 11th Natl.
Comp. Sec. Conf., (5: NCS-
88), 1988, pp. 246-249.

Key Words: trusted, software,
case.

HAI-86

Haigh, J.T., et al.,
"An Experience Using Two
Covert Channel Analysis
Techniques on a Real System
Design," Proc. 1986 IEEE
Symp. on Sec. & Privacy, (5:
IEE-86), pp. 14-24.

Key Words: covert channel,
case.

HAI-87

Haigh, J.T., et al.
"An Experience Using Two
Covert Channel Analysis
Techniques on a Real System
Design," IEEE Trans. on
Software Engr., February 1987,
pp. 157-168.

Key Words: covert channel,
case.

HAI-87a

Haigh, J.T. and W.D. Young
"Extending the Noninterference
Version of MLS for SAT,"
IEEE Trans. on Software
Engr., February 1987, pp. 141-
150.

Key Words: MLS, model,
case.

HAL-85

Haley, C.J., and F.L. Mayer
"Issues on the Development of
Security Related Functional
Tests," Proc. 8th Natl. Comp.
Sec. Conf., (5: NCS-85), 1985,
pp. 82-85.

Key Words: verification,
design.

HAL-86

Halpern, J.D., et al.
"MUSE -- A Computer-
Assisted Verification System,"
Proc. 1986 IEEE Symp. on
Sec. & Privacy, (5: IEE-86),
pp. 25-32

Key Words: verification, case.

HAL-87

Halpern, J.D., et al.
"MUSE -- A Computer-
Assisted Verification System,"
IEEE Trans. on Software
Engr., February 1987, pp. 151-
156.

Key Words: verification, case.

HAL-87a

Halpern, J.D., and S. Owre
"Specification and
Verification Tools for Secure
Distributed Systems," Proc.
10th Natl. Comp. Sec. Conf.,
(5: NCS-87a), 1987, pp. 78-
83.

Key Words: verification,
general.

HAL-87b

Hale, M.W.
"Using the Computer Security
Subsystem Interpretation,"
AIAA No. 87-3097, Proc. 3d
Aerosp. Comp. Sec. Conf.,
(5: IEE-87b), 1987, pp. 128-
130.

Key Words: TCB, criteria,
general.

HAR-84

Hartman, B.A.
"A Gypsy-Based Kernel,"
Proc. 1984 IEEE Symp. on
Sec. & Privacy, (5: IEE-84),
pp. 219-226.

Key Words: verification,
kernel, case.

HAR-85

Hardy, N.
"KeyKOS Architecture,"
ACM Operating Systems
Review, October, 1985.

Key Words: architecture,
kernel, case.

HAR-89

Harrold, C.L.
"An Introduction to the
SMITE Approach to Secure
Computing," Computers &
Security, October 1989, pp.
495-505.

Key Words: MLS, methods,
design, case.

HAR-89a

Harrison, L.J.
"Security Issues and Ada
Runtime Support," Proc. 5th
Security Applicat. Conf., (4:
IEE-89c), 1989, pp. 177-183.

Key Words: MLS, methods,
case.

HEN-85

Henning, R.R.
"Multilevel Application
Development," Proc. 8th Natl.
Comp. Sec. Conf., (5: NCS-
85), 1985, pp. 137-140.

Key Words: MLS, design,
methods.

HEN-88

Henning, M., and A. Rhode
"On the Suitability of Z for
the Specification of Verifiably
Secure Systems," Proc.
IFIP/Sec. '88, Australia, 1989,
(2: CAE-89), pp. 197-221.

Key Words: specification,
case.

HIN-89

Hinke, T.H.
"The Trusted Server Approach
to Multilevel Security," Proc.
5th Security Applicat. Conf.,
(4: IEE-89c), 1989, pp. 335-
341.

Key Words: MLS, methods,
design.

IEE-80

Proceedings, 1980 IEEE
Symposium on Security and
Privacy, Oakland, CA, April
14-16, 1980, IEEE Computer
Society Press, Washington,
DC, 1980.

Key Words: proceedings,
research.

IEE-81

Proceedings, 1981 IEEE
Symposium on Security and
Privacy, Oakland, CA, April
27-29, 1981, IEEE Computer
Society Press, Washington,
DC, 1981.

Key Words: proceedings,
research.

IEE-82

Proceedings, 1982 IEEE
Symposium on Security and
Privacy, Oakland, CA, April
1982, IEEE Computer Society
Press, Washington, DC, 1982.

Key Words: proceedings,
research.

IEE-83

"Data Security in Computer
Networks, Special Issue," IEEE
Computer, February 1983.

Key Words: MLS, networks,
methods, design, cryptography.

IEE-83a

Proceedings, 1983 IEEE
Symposium on Security and
Privacy, Oakland, CA, April
25-27, 1983, IEEE Computer
Society Press, Washington,
DC, 1983.

Key Words: proceedings,
research.

IEE-83b

"Computer Security
Technology, Special Issue,"
IEEE Computer, July 1983.

Key Words: MLS, methods,
design, kernel, research.

IEE-84

Proceedings, 1984 IEEE
Symposium on Security and
Privacy, Oakland, CA, April
29-May 2, 1984, IEEE
Computer Society Press,
Washington, DC, 1984.

Key Words: proceedings,
research.

IEE-85

Proceedings, 1985 IEEE Symposium on Security and Privacy, Oakland, CA, April 22-24, 1985, IEEE Computer Society Press, Washington, DC, 1985.

Keywords; proceedings, research.

IEE-88

Proceedings, 1988 IEEE Symposium on Security and Privacy, Oakland, CA, April 18-21, 1988, IEEE Computer Society Press, Washington, DC, 1988.

Key Words: proceedings, research.

JAN-89

Janieri, J.V.A., J.S. Barlas, and L.L. Chang
"Adding CASE Technologies to Formal Verification" Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 52-64.

Key Words: verification, methods.

IEE-85a

Proceedings, 1985 IEEE Aerospace Computer Security Conference, IEEE Computer Society Press, Washington DC, March 1985.

Key Words: proceedings, design, methods, case.

IEE-88a

Proceedings, Fourth Aerospace Computer Security Conference, IEEE Computer Society Press, Washington, DC, December 1988.

Key Words: proceedings, design, methods, case.

JOH-89

Johnson, L.A.
"Formal Specification & Verification: Fundamental Concerns," IEEE Cipher, April 1989, pp. 25-33.

Key Words: verification, general.

IEE-86

Proceedings, 1986 IEEE Symposium on Security and Privacy, Oakland, CA, April 7-9, 1986, IEEE Computer Society Press, Washington, DC, 1986.

Key Words: proceedings, research.

IEE-89

Proceedings, 1989 IEEE Symposium on Security and Privacy, Oakland, CA, May 1-3, 1989, IEEE Computer Society Press, Washington, DC, 1989.

Key Words: proceedings, research.

JOS-87

Joseph, M.K.
"Toward the Elimination of the Effects of Malicious Logic: Fault Tolerance Approaches," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 238-244.

Key Words: denial, design, methods.

IEE-86a

Proceedings, Second Aerospace Computer Security Conference, IEEE Computer Society Press, Washington, DC, 1986.

Key Words: proceedings, design, methods, case.

IEE-89a

Proceedings, Fifth Security Applications Conference, IEEE Computer Society Press, Washington, DC, December 1989.

Key Words: proceedings, design, case.

KAR-84

Karger, P.A., and A.J. Herbert
"An Augmented Capability Architecture to Support Lattice Security and Traceability of Access," Proc. 1984 IEEE Symp. on Sec. & Privacy, (5: IEE-84), pp. 2-12.

Key Words: architecture, capability.

IEE-87

Proceedings, 1987 IEEE Symposium on Security and Privacy, Oakland, CA, April 27-29, 1987, IEEE Computer Society Press, Washington, DC, 1987.

Key Words: proceedings, research.

IRV-88

Irvine, C.E., et al.
"Genesis of a Secure Application: A Multilevel Secure Message Preparation Workstation Development," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 16-29.

Key Words: MLS, policy, design, case.

KAR-87

Karger, P.A.
"Limiting the Damage Potential of Discretionary Trojan Horses," Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 32-37.

Key Words: threats, vulnerabilities, methods, discretionary.

IEE-87a

Proceedings, Third Aerospace Computer Security Conference, IEEE Computer Society Press, Washington, DC, 1987.

Key Words: proceedings, design, methods, case.

KAU-87

Kaufmann, M., and W.D. Young
"Comparing Specification Paradigms for Secure Systems: Gypsy and the Boyer-Moore Model," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 122-128.

Key Words: specification, methods, design, case.

KEM-80

Kemmerer, R.
"FDM: A Formal Methodology for Software Development," Proc. 3d Seminar, DoD Comp. Sec. Progr., (5: DOD-80b), 1980, pp. L1-19.

Key Words: specification, methods, case.

KEM-82

Kemmerer, R.A.
"A Practical Approach to Identifying Storage and Timing Channels," Proc. 1982 IEEE Symp. on Sec. & Privacy (5: IEE-82), pp. 66-73.

Key Words: covert channel, methods.

KEM-86

Kemmerer, R.A.
Verification Assessment Study Final Report, C3-CR01-86, National Computer Security Center, Ft. Meade, MD, 1986.

Key Words: verification, general.

KET-88

Ketcham, L.R.
"Program Containment in a Software-Based Security Architecture," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 299-308.

Key Words: design, methods, software.

KIN-88

King, G., and B. Smith
"INFOSEC IRAD at Magnavox: The Trusted Military Message Processor (TRUMMP) & the Military Message Embedded Executive (ME2)," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 250-256.

Key Words: design, network, case.

KIN-88a

King, G., and W. Smith
"An Alternative Implementation of the Reference Monitor Concept," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 159-166.

Key Words: MLS, model, design.

KOR-84

Korelskiy, T., and D. Sutherland
"Formal Specification of a Multi-Level Secure Operating System," Proc. 1984 IEEE Symp. on Sec. & Privacy, (5: IEE-84), pp. 209-218.

Key Words: MLS, specification, case.

KRA-83

Kramer, S.M., and D.P. Sidhi
"Security Information Flow in Multidimensional Arrays," IEEE Trans. on Computers, December 1983, pp. 1188-1190.

Key Words: MLS, models, flow.

KRA-84

Kramer, S.
"Linus IV--An Experiment in Computer Security," Proc. 1984 IEEE Symp. on Sec. & Privacy, (5: IEE-84), pp. 24-32.

Key Words: MLS, OS, design, case.

KUH-88

Kuhn, D.R.
"Static Analysis Tools for Software Security Certification," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 290-298.

Key Words: certification, software.

LAM-85

Lampson, B.W.
"Protection," ACM Operating Systems Review, December 1985, pp. 13-24.

Key Words: policy, models, general.

LAN-81

Landwehr, C.E.
"Assertions for Verification of Multi-Level Secure Military Message Systems," ACM Software Engineering Notes, Vol. 5, No.3, July 1980.

Key Words: verification, methods.

LAN-82

Landauer, C., and S. Crocker
"Precise Information Flow Analysis by Program Verification," Proc. 1982 IEEE Symp. on Sec. & Privacy, (5: IEE-82), pp. 74-80.

Key Words: verification, methods, flow.

LAN-83

Landwehr, C.E.
"The Best Available Technologies for Computer Security," IEEE Computer, July 1983, pp. 89-100.

Key Words: design, methods, general.

LAN-83a

Landwehr, C.E.
"Requirements for Class A1 Systems and Major Differences between Division A and Division B Systems," Proc. 6th Seminar, DoD Comp. Sec. Program, (5: DOD-83a), 1983, pp. 27-32

Key Words: MLS, criteria, general.

LAN-84

Landwehr, C.E., and J.M. Carroll
"Hardware Requirements for Secure Computer Systems: A Framework," Proc. IEEE Sympos. on Security and Privacy, April 1984, pp. 34-40.

Key Words: architecture, general.

LAN-85

Landwehr, C.E., and H.O. Lubbes
"Determining Security Requirements for Complex Systems with the Orange Book," Proc. 8th Natl. Comp. Sec. Conf., (5: NCS-85), 1985, pp. 156-162.

Key Words: requirements, criteria.

LEE-89

Lee, T.M.P.
"Statistical Models of Trust: TCBs vs. People," Proc. 1989 IEEE Symp. on Sec. & Privacy, (5: IEE-89b), pp. 10-19.

Key Words: trusted, models, general.

LEV-80

Levitt, K.N., P.G. Neumann, and L. Robinson
The SRI Hierarchical Development Methodology and Its Application to Development of Secure Systems, SP 500-67, NBS, Gaithersburg, MD, 1980.

Key Words: MLS, methods, design, case.

LEV-89

Levin, T, S.J. Padilla, and C.E. Irvine
"A Formal Model for UNIX Setuid," Proc. 1989 IEEE Symp. on Sec. & Privacy, (5: IEE-89b), pp. 73-83.

Key Words: models, OS, case.

LEV-89a

Levin, T.E., S.J. Padilla, and R.R. Schell
"Engineering Results from the A1 Formal Verification Process," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 65-74.

Key Words: verification, design, case.

LOE-85

Loeper, K.
"Resolving Covert Channels Within a B2 Class Secure System," ACM Operating Systems Review, July 1985.

Key Words: covert channel, case.

LOE-89

Loepere, K.
"The Covert Channel Limiter Revisted," ACM Operating Systems Review, April 1989, pp. 39-44.

Key Words: covert channel, case.

LUC-86

Luckenbaugh, G.L., et al.
"Interpretation of the Bell-LaPadula Model in Secure Xenix," Proc. 9th Natl. Comp. Sec. Conf., (5: NCS-86), 1986, pp. 113-125.

Key Words: model, methods, case.

LUM-89

Lu, M.M.
"Guidelines for Formal Verification Systems: Overview and Rationale," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 75-82.

Key Words: verification, guidelines.

MAC-83

MacEwen, G.H.
"The Design for A Secure System Based on Program Analysis," IEEE Trans. on Software Engr., May 1983, pp. 289-298.

Key Words: MLS, design, case.

MAC-84

MacEwen, G.H., and D.T. Barnard
"The Euclid Family and Its Relation to Secure Systems," Proc. 7th Seminar, DoD Comp. Sec. Program, (5: DOD-84), 1984, pp. 79-87.

Key Words: specification, case.

MAC-84a

MacEwen, G.H., B. Burwell, and Z.J. Lu,
"Multi-Level Security Based on Physical Distribution," Proc. 1984 IEEE Symp. on Sec. & Privacy, (5: IEE-84), pp. 167-177.

Key Words: MLS, methods, design.

MAR-83

Marick, B.
"The VERUS Design Verification System," Proc. 1983 IEEE Symp. on Sec. & Privacy, (5: IEE-83a), pp. 150-160.

Key Words: verification, case.

- MAR-84
Margulis, B.I.
"An Overview of Multics Security," Proc. IFIP/Sec. '84, Toronto, (2: FIN-85), 1984, pp. 225-235.

Key Words: architecture, design, case.
- MAR-88
Marmor-Squires, A.B., and P.A. Rougeau
"Issues in Process Models and Integrated Environments for Trusted Systems Development," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 109-113.

Key Words: trusted, models, design, general.
- MAR-89
Marceau, C., and C.D. Harper
"An Interactive Approach to ADA Verification," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 28-51.

Key Words: verification, methods, case.
- MAR-89a
Marmor-Squires, A., et al.
"A Risk Driven Process Model for the Development of Trusted Systems," Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 184-192.

Key Words: trusted, model, risk, methods, design.
- MAY-88
Mayer, F.L.
"An Interpretation of a Refined Bell-LaPadula Model for the T-Mach Kernel," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 368-378.

Key Words: MLS, model, kernel, case, methods, design.
- MAY-89
Mayer, F.L., and J.N. McAuliffe
"The Design of the Trusted Workstation: A True 'INFOSEC' Product," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 135-145.

Key Words: trusted, design, case, network.
- MCD-88
McDermott, J.
"A Technique for Removing an Important Class of Trojan Horses from Higher Order Languages," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 114-117.

Key Words: threats, techniques.
- MCH-85
McHugh, J.
"An EMACS Based Downgrader for the SAT," Proc. 8th Natl. Comp. Sec. Conf., (5: NCS-85), 1985, pp. 133-136.

Key Words: MLS, techniques, case.
- MCH-85a
McHugh, J. and D.I. Good
"An Information Flow Tool for Gypsy," Proc. 1985 IEEE Symp. on Sec. & Privacy, (5: IEE-85), pp. 46-48.

Key Words: verification, methods, case.
- MCM-85
McMahon, E.M.
"Restricted Access Processor - An Application of Computer Security Technology," Proc. Aerospace Computer Sec. Conf., (5: IEE-85a), 1985, pp. 71-73.

Key Words: MLS, methods, design, case.
- MEA-87
Meadows, C.
"The Integrity Lock Architecture and Its Application to Message Systems: Reducing Covert Channels," Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 212-218.

Key Words: covert channel, methods, architecture, case.
- MIG-87
Migues, S.
"The Need for Rigorous Informal Verification of Specifications-to-Code Correspondence," Proc. COMPASS '87: Comp. Assurance, (2: IEE-87), 1987, pp. 13-25.

Key Words: verification, methods specification.
- MIL-81
Miller, J.S.
"Military Message Systems: Applying a Security Model," Proc. 1981 IEEE Symp. on Sec. & Privacy, (5: IEE-81), 101-111.

Key Words: models, methods, case.
- MIL-82
Millen, J.K.
"Kernel Isolation for the PDP 11/70," Proc. 1982 IEEE Symp. on Sec. & Privacy, (5: IEE-82), pp. 57-65.

Key Words: kernel, technique, case.
- MIZ-87
Mizuno, M., and A.E. Oldenhoeft
"Information Flow Control in a Distributed Object-Oriented System with Statistically Bound Object Variables," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 56-67.

Key Words: control, slow, techniques.

MUR-88

Murray, M., R. Berch,
and S. Caperton
"Use of Automated
Verification Tools in a
Secure Software Development
Methodology," Proc. 11th
Natl. Comp. Sec. Conf., (5:
NCS-88), 1988, pp. 284-289.

Key Words: verification,
software, methods, design,
case.

NCS-85

Proceedings, 8th National
Computer Security
Conference, National Bureau
of Standards/National
Computer Security Center,
September 1985.

Key Words: proceedings,
general.

NCS-86

Computer Security - For
Today... and for Tomorrow,
Proceedings, 9th National
Computer Security
Conference, National Bureau
of Standards/National
Computer Security Center,
September 1986.

Key Words: proceedings,
general.

NCS-87

Computer Security... From
Principles to Practice,
Proceedings, 10th National
Computer Security
Conference, National Bureau
of Standards/ National
Computer Security Center,
September 1987.

Key Words: proceedings,
general.

NCS-88

Computer Security ... Into the
Future, Proceedings, 11th
National Computer Security
Conference, National Institute
of Standards and Technology/
National Computer Security
Center, October, 1988.

Key Words: proceedings,
general.

NCS-88a

Computer Security ... Into the
Future, A Postscript, 11th
National Computer Security
Conference, National Institute
of Standards and Technology/
National Computer Security
Center, October 1988.

Key Words: proceedings,
general.

NCS-89

Information Systems Security:
Solutions for Today --
Concepts for Tomorrow,
Proceedings, 12th National
Computer Security
Conference, National Institute
of Standards and Technology/
National Computer Security
Center, October 1989.

Key Words: proceedings,
general.

NEE-85

Neely, R.B. and
J.W. Freeman,
"Structuring Systems for
Formal Verification," Proc.
1985 IEEE Symp. on Sec. &
Privacy, (5: IEE-85), pp. 2-13.

Key Words: verification,
design.

NEE-89

Neely, R.B., J.W. Freeman,
and M.D. Krenzin
"Achieving Understandable
Results in a Formal Design
Verification," Proc. Comp.
Sec. Foundat. Workshop II,
(3: IEE-89a), 1989, pp. 115-
124.

Key Words: verification,
methods.

NEI-84

Neilson, J.O., and
F.E. Wuebker
"Design Experiences from the
Multilevel Secure MCF,"
Proc. 1984 IEEE Symp. on
Sec. & Privacy, (5: IEE-84),
pp. 204-208.

Key Words: MLS, design,
case.

NEU-86

Neumann, P.G.
"On Hierarchical Design of
Computer Systems for Critical
Applications," IEEE Trans. on
Software Engr., September
1986, pp. 905-920.

Key Words: models, methods,
design.

NEU-88

Neugent, W.,
"Security Guards: Issues and
Approaches," IEEE
Communications Magazine,
August 1988, pp. 25-29.

Key Words: MLS, methods,
design.

NEU-89

Neugent, W.
"Guidelines for Specifying
Security Guards," Proc. 12th
Natl. Comp. Sec. Conf., (5:
NCS-89), 1989, pp. 320-338.

Key Words: MLS, methods,
design.

ONE-86

O'Neil-Dunne, J.
"The Access Path," Proc. 9th
Natl. Comp. Sec. Conf., (5:
NCS-86), 1986, pp. 149-155.

Key Words: TCB, control,
design.

PAR-88

Parker, T.A.
"Structuring Trust in a Large
General Purpose Operating
System," Proc. 4th Aerosp.
Comp. Sec. Conf., (4: IEE-
88b), 1988, pp. 152-158.

Key Words: trusted, OS,
design, case.

PAR-89

Partney, T.J.
"The Incorporation of Multi-
Level IPC into UNIX," Proc.
1989 IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp. 94-
99.

Key Words: MLS, methods,
design, case.

PER-84

Perrine, T., J. Codd,
and B. Hardy
"An Overview of the
Kernelized Secure Operating
System (KSOS)," Proc. 7th
Seminar, DoD Comp. Sec.
Progr., (5: DOD-84), 1984,
pp. 146-160.

Key Words: OS, kernel,
design, case.

PFL-88

Pfleeger, C.P., and
S.L. Pfleeger
"A Transaction Flow
Approach to Software
Security Certification for
Document Handling
Systems," Computers &
Security, October 1988, pp.
495-502.

Key Words: certification,
case.

PFL-89

Pfleeger, C.P., S.L. Pfleeger,
and M.F. Theofanos
"A Methodology for
Penetration Testing,"
Computers & Security,
November 1989, pp. 613-620.

Key Words: vulnerabilities,
methods.

PFL-89a

Pfleeger, C.P.
Security in Computing,
Prentice Hall, Englewood
Cliffs, NJ, 1989

Key Words: book, MLS,
cryptography general.

PLA-81

Platek, R.A.
"The Evaluation of Three
Specification and Verification
Methodologies," Proc. 4th
Seminar, DoD Comp. Sec.
Progr., (5: DOD-81), 1981,
pp. X1-X17.

Key Words: verification,
methods, specification, case.

POZ-84

Pozzo, M.M.
"Life Cycle Assurance for
Trusted Computer Systems: A
Configuration Management
Strategy for Multics," Proc.
7th Seminar, DoD Comp. Sec.
Progr., (5: DOD-84), 1984,
pp. 169-179.

Key Words: trusted, methods,
design, case.

PRO-85

Proctor, N.
"The Restricted Access
Processor, an Example of
Formal Verification," Proc.
1985 IEEE Symp. on Sec. &
Privacy, (5: IEE-85), pp. 49-
53.

Key Words: verification, case.

PRO-89

Proctor, N., and R. Wong
"The Security Policy of
Secure Distributed Operating
System Prototype," Proc. 5th
Security Applicat. Conf., (4:
IEE-89c), 1989, pp. 95-102.

Key Words: OS, policy,
design, case.

RAJ-86

Rajunas, S.A., et al.
"Security in KeyKOS," Proc.
1986 IEEE Symp. on Sec. &
Privacy, (5: IEE-86), pp. 78-
85

Key Words: methods, design,
case.

ROS-89

Rosenthal, D.
"Implementing a Verification
Methodology for McCullough
Security," Proc. Comp. Sec.
Foundat. Workshop II, 1989
(3: IEE-89a), pp. 133-140.

Key Words: verification,
design, case.

ROU-87

Rougeau, P.A.
"Integrating Security into a
Total Systems Architecture,"
Proc. 3d Aerosp. Comp. Sec.
Conf., (5: IEE-87b), 1987, pp.
118-121.

Key Words: TCB, architecture,
design.

RUS-81

Rushby, J.M.
"The Design and Verification
of Secure Systems," ACM
Operating Systems Review,
Vol. 15, 5, 1982, pp. 12-21.

Key Words: verification,
design.

RUS-82

Rushby, J.M.
"Proof of Separability, A
Verification Technique for A
Class of Security Kernels," in
Proceedings, International
Symposium on Programming,
Springer, Berlin, 1982, pp.
352-367.

Key Words: verification,
techniques.

RUS-83

Rushby, J.M., and
B. Randell
"A Distributed Secure System,"
Proc. 1983 IEEE Symp. on
Sec. & Privacy, (5: IEE-83a),
pp. 127-135.

Key Words: architecture,
design, case.

RUS-84

Rushby, J.M.
"A Trusted Computing Base
for Embedded Systems," Proc.
7th Seminar, DoD Comp. Sec.
Progr., (5: DOD-84), 1984, pp.
294-311.

Key Words: TCB, design,
case.

- RUS-89
Russell, T.T., and M.Schaefer
"Toward a High B Level
Security Architecture for the
IBM ES/3090 Processor
Resource/System Manager,"
Proc. 12th Natl. Comp. Sec.
Conf., (5: NCS-89), 1989,
pp. 184-196.
- Key Words: architecture,
design, case.
- SAY-87
Saydjari, O.S.,
J.M. Beckman, and
J.R. Leaman
"Locking Computers
Securely," Proc. 10th Natl.
Comp. Sec. Conf., (5: NCS-
87a), 1987, pp. 129-141.
- Key Words: TCB,
architecture, case.
- SAY-89
Saydjari, O.S., J.M.
Beckman,
and J.R. Leaman
"LOCK Track: Navigating
Uncharted Space," Proc. 1989
IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp.
167-175.
- Key Words: TCB,
architecture, case.
- SCH-83
Schell, R.R.
"Evaluating Security
Properties of Computer
Systems," Proc. 1983 IEEE
Symp. on Sec. & Privacy, (5:
IEE-83a), pp. 89-95.
- Key Words: methods, design,
general.
- SCH-83a
Schell, R.R.
"A Security Kernel for A
Multi-Processing Micro-
Computer," IEEE Computer,
July 1983, pp. 47-53.
- Key Words: kernel, design,
case.
- SCH-84
Schaefer, M., and R.R. Schell
"Toward an Understanding of
Extensible Architectures for
Evaluated Trusted Computer
System Products," Proc. 1984
IEEE Symp. on Sec. &
Privacy, (5: IEE-84), pp. 41-
51.
- Key Words: architecture,
general.
- SCH-84a
Schell, R.R., and T.F. Tao
"Microprocessor-Based
Trusted Systems for
Communication and
Workstation Application,"
Proc. 7th Seminar, DoD
Comp. Sec. Progr., (5: DOD-
84), 1984, pp. 277-290.
- Key Words: architecture,
design,
- SCH-84b
Schell, R.R.
"Future of Trusted Computer
Systems," Proc. IFIP/Sec. '84,
Toronto, 1984, (2: FIN-85),
pp. 55-67.
- Key Words: trusted, general.
- SCH-85
Schell, R.R., T.F. Tao, and
M. Heckman
"Designing the GEMSOS
Security Kernel for Security
and Performance," Proc. 8th
Natl. Comp. Sec. Conf., (5:
NCS-85), 1985, pp. 108-120.
- Key Words: kernel, design,
case.
- SCH-86
Schultz, A.C.
"Using Software Tools to
Analyze the Security
Characteristics of HOL
Programs," Proc. 9th Natl.
Comp. Sec. Conf., (5: NCS-
86), 1986, pp. 108-112.
- Key Words: methods,
techniques, design.
- SCH-87
Schockley, W.R., and
R.R. Schell
"TCB Subsets for Incremental
Evaluation," Proc. 3d Aerosp.
Comp. Sec. Conf., (5: IEE-
87b), 1987, pp. 131-139.
- Key Words: TCB, methods,
design.
- SCH-88
Schaffer, M.A., and G. Walsh
"LOCK/ix: On Implementing
Unix on the LOCK TCB,"
Proc. 11th Natl. Comp. Sec.
Conf., (5: NCS-88), 1988, pp.
319-329.
- Key Words: OS, architecture,
design, case.
- SCH-88a
Schockley, W.R., T.F. Tao,
and M.F. Thompson
"An Overview of the
GEMSOS AI Technology and
Applications Experience," Proc.
11th Natl. Comp. Sec. Conf.,
(5: NCS-88), 1988, pp. 238-
245.
- Key Words: MLS, OS, kernel,
methods, design, case.
- SCH-89
Schaefer, M.
"Symbol Security Condition
Considered Harmful," Proc.
1989 IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp. 20-
46.
- Key Words: model,
requirement, case.
- SCH-89a
Schallenmuller, E., et al.
"Development of a Multilevel
Data Generation Application
for GEMSOS," Proc. 5th
Security Applicat. Conf., (4:
IEE-89c), 1989, pp. 86-90.
- Key Words: MLS, design,
case.

- SHI-81**
Shirley, L.J., and R.R. Schell
"Mechanism Sufficiency
Validation by Assignment,"
Proc. 1981 IEEE Symp. on
Sec. & Privacy, (5: IEE-81),
pp. 26-32.

Key Words: requirements,
methods.
- SID-84**
Sidhu, D.P.
"Executable Logic
Specifications: A New
Approach to Computer
Security," Proc. 1984 IEEE
Symp. on Sec. & Privacy, (5:
IEE-84), pp. 142-153.

Key Words: specification,
methods.
- SIE-87**
Siebert, W.O., et al.
"Unix and B2: Are They
Compatible?," Proc. 10th
Natl. Comp. Sec. Conf., (5:
NCS-87a), 1987, pp. 142-
149.

Key Words: MLS, criteria,
case.
- SIL-83**
Silverman, J.
"Reflections on the
Verification of the Security
of an Operating System
Kernel," Proc., 9th ACM
Symp. on Operating Syst.
Principles, 1983, pp. 143-154.

Key Words: OS, verification,
case.
- SMI-86**
Smith, T.A.
"User-Definable Domains as
a Mechanism for
Implementing the Least
Privilege Principle," Proc. 9th
Natl. Comp. Sec. Conf., (5:
NCS-86), 1986, pp. 143-155.

Key Words: design,
techniques.
- SOL-81**
Solomon, D.J.
"Processing Multilevel Secure
Objects," Proc. 1981 IEEE
Symp. on Sec. & Privacy, (5:
IEE-81), pp. 56-61.

Key Words: MLS, methods,
design.
- STA-86**
Stauffer, B.C., and R.U. Fujii
"Informal Verification
Analysis," Proc. 9th Natl.
Comp. Sec. Conf., (5: NCS-
86), 1986, pp. 126-129.

Key Words: verification,
methods.
- SWA-85**
Swaminathan, K.
"Negotiated Access Control,"
Proc. 1986 IEEE Symp. on
Sec. & Privacy, (5: IEE-86),
pp. 190-196.

Key Words: control, methods.
- TAY-89**
Taylor, T.
"FTLS-Based Security Testing
for LOCK," Proc. 12th Natl.
Comp. Sec. Conf., (5: NCS-
89), 1989, pp. 136-145.

Key Words: verification, case.
- TUR-81**
Turn, R. (Ed.)
Advances in Computer System
Security, Artech House,
Dedham, MA, 1981.

Key Words: book, general.
- TUR-84**
Turn, R. (Ed.)
Advances in Computer System
Security, Vol. 2, Artech
House, Dedham, MA, 1984.

Key Words: book, general.
- TUR-88**
Turn, R. (Ed.)
Advances in Computer System
Security, Vol. 3, Artech
House, Norwood, MA, 1988.

Key Words: book, general.
- VAR-89**
Varadharajan, V., and
S. Black
"Formal Specification of a
Secure Distributed Messaging
System," Proc. 12th Natl.
Comp. Sec. Conf., (5: NCS-
89), 1989, pp. 146-171.

Key Words: specification, case.
- VON-88**
von Henke, F.W., et al.
"EHDM Verification
Environment: An Overview,"
Proc. 11th Natl. Comp. Sec.
Conf., (5: NCS-88), 1988, pp.
147-155.

Key Words: verification, case.
- WAL-80**
Walker, S.T.
"The Advent of Trusted
Systems," Proceedings, 1980
Natl. Comp. Conference,
AFIPS Press, Reston, VA,
1980, pp. 655-666.

Key Words: trusted, policy,
methods.
- WAL-80a**
Walker, B.J., R.A. Kemmerer,
and G.J. Popek
"Specification and Verification
of the UCLA Unix Security
Kernel," Communications of
the ACM, February 1980, pp.
118-131.

Key Words: specification,
methods, verification, case.
- WEI-82**
Weissman, C.
"Bizarre Bazaar: An Approach
to Security Technology
Transfer," Proc. 5th Seminar,
DoD Comp. Sec. Progr., (5:
DOD-82), 1982, pp. 233-240.

Key Words: MLS, methods,
techniques.

WHI-87

White, S.R.
"ABYSS: A Trusted
Architecture for Software
Protection," Proc. 1987 IEEE
Symp. on Sec. & Privacy, (5:
IEE-87a), pp. 38-51.

Key Words: TCB,
architecture, case.

WIL-89

Williams, J.C., and
G.W. Dinolt
"Formal Model of a Trusted
File Server," Proc. 1989
IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp.
157-166.

Key Words: model, trusted,
case.

WIN-86

Wing, J.M., and M.R. Nixon
"Extending Ina-Jo with
Temporal Logic," Proc. 1986
IEEE Symp. on Sec. &
Privacy, (5: IEE-86), pp. 2-
13.

Key Words: specification,
methods, techniques, case.

WIN-89

Wing, J.M., and M.R. Nixon
"Extending InaJo with
Temporal Logic," IEEE
Trans. on Software Engr.,
February 1989, pp. 181-197.

Key Words: specification,
methods, techniques, case.

WIS-86

Wiseman, S.
"A Secure Capability
Computer System," Proc.
1986 IEEE Symp. on Sec. &
Privacy, (5: IEE-86), pp. 86-
94

Key Words: architecture,
capability.

WIS-88

Wiseman, S., et al.
"The Trusted Path Between
SMITE and the User," Proc.
1988 IEEE Symp. on Sec. &
Privacy, (5: IEE-88a), pp.
147-155.

Key Words: TCB, technique,
case.

WIT-80

Withington, P.T.
"The Trusted Function in
Secure Decentralized
Processing," Proc. 1980 IEEE
Symp. on Sec. & Privacy, (5:
IEE-80), pp. 67-79.

Key Words: trusted, methods,
design.

WON-89

Wong, R., et al.
"The SDOS System: A Secure
Distributed Operating System
Prototype," Proc. 12th Natl.
Comp. Sec. Conf., (5: NCS-
89), 1989, pp. 172-183.

Key Words: OS, trusted, case.

WOO-83

Woodie, P.E.
"Security Enhancement
Through Product Evaluation,"
Proc. 1983 IEEE Symp. on
Sec. & Privacy, (5: IEE-83a),
pp. 96-101.

Key Words: methods,
techniques.

WOO-86

Woodie, P.
"Distributed Processing
System Security:
Communications, Computer or
Both," Proc. IEEE Internat.
Conf. on Data Engr., 1986,
pp. 630-636.

Key Words: requirements,
design.

WOO-87

Woodward, J.P.L.
"Exploiting the Dual Nature of
Sensitivity Labels," Proc. 1987
IEEE Symp. on Sec. &
Privacy, (5: IEE-87a), pp. 23-
30

Key Words: MLS, methods,
techniques.

YOU-85

Young, W.D., W.E. Boebert,
and R.Y. Kain
"Proving a Computer System
Secure," Scientific
Honeyweller, July 1985, pp.
18-27.

Key Words: verification,
general.

YOU-86

Young, W.D., P.A. Telga, and
W.E. Boebert
"A Verified Labeler for the
Secure Ada Target," Proc. 9th
Natl. Comp. Sec. Conf., (5:
NCS-86), 1986, pp. 55-61.

Key Words: MLS, techniques,
case.

YOU-87

Young, W.D.
"Coding For A Believable
Specification to
Implementation Mapping,"
Proc. 1987 IEEE Symp. on
Sec. & Privacy, (5: IEE-87a),
pp. 140-148.

Key Words: specification,
methods.

YOU-89

Young, W.D.
"Comparing Specification
Paradigms," Proc. 12th Natl.
Comp. Sec. Conf., (5: NCS-
89), 1989, pp. 83-97.

Key Words: specification,
general.

YUC-88

Yu, C.-F, and V.D. Gligor
"A Formal Specification and
Verification Method for the
Prevention of Denial of
Service," Proc. 1988 IEEE
Symp. on Sec. & Privacy, (5:
IEE-88a), pp. 187-202.

Key Words: specification,
methods, verification, denial.

6. Database Security

The section cites publications on models of database security, specific implementations, statistical database inference problem, and general aspects of database security.

ADA-89

Adam, B.R., and
J.C. Wortmann
"Security Control Methods
for Statistical Databases: A
Comparative Survey," ACM
Computing Surveys,
December 1989, pp. 515-556.

Key Words: database,
control.

AHI-88

Ahituv, N., Y. Lapid,
and S. Neumann
"Protecting Statistical
Databases Against Retrieval
of Private Information,"
Computers & Security,
February 1988, pp. 59-63.

Key Words: statistical,
inference.

AKL-87

Akl, S.G., and D.E. Denning
"Checking Classification
Constraints for Consistency
and Completeness," Proc.
1987 IEEE Symp. Sec. &
Privacy, (5: IEE-87a), pp.
196-201.

Key Words: database,
methods.

BAX-86

Baxter, V.,
"Improving the Security
Posture in Existing
Installations," Proc. NCSC
Workshop on Database
Security, (6:COA-86), 1986,
pp. H1-H11.

Key Words: database,
methods.

BEC-80

Beck, L.L.
"A Security Mechanism for
Statistical Databases," ACM
Trans. on Database Systems,
September 1980, pp. 316-338.

Key Words: statistical,
inference.

BER-87

Berson, T.A., and T.F. Lunt
"Multilevel Security for
Knowledge-Based Systems,"
Proc. 1987 IEEE Symp. on
Sec. & Privacy, (5: IEE-87a),
pp. 235-242.

Key Words: database, policy,
methods.

BIS-87

Biskup, J.
"Privacy Respecting
Permissions and Rights," Proc.
IFIP WG 11.3 Meeting, (6:
LAN-88), 1987, pp. 173-185.

Key Words: database, policy,
methods.

BIS-88

Biskup, J., and H. Graf
"Analysis of the Privacy
Model for the Information
System DORIS," Proc. IFIP
WG 11.3 Workshop, (6:
LAN-89b), 1988, pp. 123-140.

Key Words: models, methods,
case.

BLA-85

Blakley, G.R., and
C. Meadows
"A Database Encryption
Scheme which Allows the
Computation of Statistics
Using Encrypted Data," Proc.
1985 IEEE Symp. on Sec. &
Privacy, (5: IEE-85), pp. 116-
122.

Key Words: statistical,
encryption

BOE-86

Boebert, W.E., B.B. Dillaway,
and J.T. Haigh
"Mandatory Security and
Database Management
Systems," Proc. NCSC
Workshop on Database
Security, (6: COA-86), 1986,
pp. A1-A21.

Key Words: DBMS, policy,
requirements.

BON-80

Bonyun, D.A.
"The Secure Relational
Database Management System
Kernel -- Three Years Alter,"
Proc. 1980 IEEE Symp. on
Sec. & Privacy, (5: IEE-80),
pp. 34-37.

Key Words: DBMS, relational,
kernel.

BON-84

Bonyun, D.A.
"Rules as the Basis of Access
Control in Database
Management Systems," Proc.
7th Seminar, DoD Comp. Sec.
Progr., (5: DOD-84), 1984, pp.
38-47.

Key Words: DBMS, control,
methods.

BON-86

Bonyun, D.
 "A New Look at Integrity
 Policy for Database
 Management Systems," Proc.
 NCSC Workshop on
 Database Security, (6: COA-
 86), 1986, pp. B1-B18.

Key Words: DBMS, policy,
 integrity.

BON-87

Bonyun, D.A.
 "Logging and Accountability
 in Database Management
 Systems," Proc. IFIP WG
 11.3 Meeting, (6: LAN-88),
 1987, pp. 223-227.

Key Words: DBMS, auditing,
 methods.

BON-89

Bonyun, D.A.
 "Using MAPLESS as a
 Framework for Secure
 Database Management," Proc.
 IFIP WG 11.3 (Data Base)
 Workshop, (6: IFI-89), 1989.

Key Words: DBMS, methods,
 case.

BOU-84

Boukaert, A.
 "Security of Transportable
 Computerized Files," Proc.
 Eurocrypt '84, Paris, 1984,
 (9: BET-85), pp. 416-425.

Key Words: database,
 techniques.

BUC-89

Buczowski, L.J.
 "Database Inference
 Controller," Proc. IFIP WG
 11.3 (Data Base) Workshop,
 (6: IFI-89), 1989.

Key Words: control,
 inference.

BUR-86

Burns, R.K.
 "Towards Practical MLS
 Database Management
 Systems Using the Integrity
 Lock Technology," Proc. 9th
 Natl. Comp. Sec. Conf., (5:
 NCS-86), 1986, pp. 25-29.

Key Words: MLS, DBMS,
 techniques.

BUR-87

Burns, R.K.
 "Operational Assurances for a
 Trusted DBMS," Proc. IFIP
 WG 11.3 Meeting, (6: LAN-
 88), 1987, pp. 241-251.

Key Words: DBMS, trusted,
 methods.

BUR-89

Burns, R.K.
 "The Homework Problem," in
 Lunt, T.F., Research
 Directions in Database
 Security, (6: LUN-90), May
 1989, pp. 84-86.

Key Words: MLS, database,
 design.

BUS-83

Bussollati, U., and
 G. Martella
 "Toward A New Approach to
 Secure Data Base Design,"
Computers & Security,
 January 1983, pp. 49-62.

Key Words: database,
 methods.

CAR-85

Carroll, J.M., and
 H. Jurgensen
 "Design of a Secure
 Relational Data Base," Proc.
 IFIP/Sec. '85, Dublin, 1985,
 (2: GRI-85), pp. 1-16.

Key Words: database, design,
 methods, relational.

CAR-87

Carson, et al.
 "Toward a Multilevel
 Document System," No. 87-
 3064, Proc. 3d Aerospace
 Comp. Sec. Conf., (5: IEE-
 87b), 1987, pp. 1-6.

Key Words: MLS, database.

CHI-80

Chin, F.Y., and G. Ozsoyoglu
 "Security of Statistical Data
 Bases," in Rullo, T.A. (Ed.),
Advances in Computer
 Security Management, Vol. 1,
 Heyden & Son, Philadelphia,
 PA, 1980, pp. 57-76.

Key Words: statistical,
 methods.

CHI-81

Chin, F.Y., and G. Ozsoyoglu
 "Statistical Data Base Design,"
ACM Trans. on Database
 Systems, March 1981, pp. 113-
 139.

Key Words: statistical, design.

CHI-82

Chin, F.Y., and G. Ozsoyoglu
 "Auditing and Inference
 Control in Statistical
 Databases," IEEE Trans. on
 Software Engr., November
 1982, pp. 574-582

Key Words: statistical,
 auditing.

CHI-86

Chin, F.Y.
 "Security Problems on
 Inference Control for SUM,
 MAX and MIN Queries,"
Journal of the ACM, July
 1986, pp. 451-464.

Key Words: statistical,
 inference.

CLA-83

Claybrook, B.G.
"An Approach to Developing Multilevel Secure Data Base Management Systems," Proc. 1983 IEEE Symp. on Sec. & Privacy, (5: IEE-83a), pp. 4-17.

Key Words: DBMS, design, methods.

COA-86

Coates, C. and
M. Hale (Eds.)
Proceedings of the NCSC Invitational Workshop on Database Security, National Computer Security Center, Ft. Meade, MD, June 1986.

Key Words: proceedings, database.

COX-80

Cox, L.H.
"Suppression Methodology and Statistical Disclosure Control," Journal of American Statistical Association, June 1980, pp. 377-385.

Key Words: statistical, methods.

COX-86

Cox, L.H.
"Inference Control for Frequency Count Tables," IEEE Cipher, June 1986, pp. 4-14.

Key Words: statistical, inference.

COX-87

Cox, L.H.
"Modelling and Controlling User Inference," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), 1987, pp. 167-171.

Key Words: database, inference.

COX-88

Cox, L.H.
"Inference Controls for Frequency Count Tables: An Update," Proc. 4th Aerospace Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 112-117.

Key Words: statistical, inference.

CRO-89

Crocker, S., and
E. Siarkiewicz
"Software Methodology for Development of a Trusted DBMS: Identification of Critical Problems," Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 148-165.

Key Words: DBMS, methods, software.

DAV-81

Davida, G.I., D.L. Wells, and J.B. Kam
"A Database System with Subkeys," ACM Trans. on Database Systems, June 1981, pp. 312-328.

Key Words: database, encryption.

DAV-88

Davidson, J.W.
"Implementation Design for a Kernelized Trusted DBMS," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 91-98.

Key Words: DBMS, kernel, design.

DEJ-83

DeJonge, W.
"Compromising Statistical Data Bases Responding to Queries About Means," ACM Trans. on Database Systems, March 1983, pp. 60-80.

Key Words: statistical, inference.

DEN-80

Denning, D.E., and J. Schlorer
"A Fast Procedure for Finding a Tracker in a Statistical Database," ACM Trans. on Database Systems, March 1980, pp. 88-102.

Key Words: statistical, inference.

DEN-80a

Denning, D.E.
"Secure Statistical Databases Under Random Sample Queries," ACM Trans. on Database Systems, September 1980, pp. 291-315.

Key Words: statistical, techniques.

DEN-81

Denning, D.E.
"Restricting Queries that Might Lead to Compromise," Proc. 1981 IEEE Symp. on Sec. & Privacy, (5: IEE-81), pp. 33-40.

Key Words: statistical, inference, techniques.

DEN-82

Denning, D.E., J. Schlorer, and E. Wehrle
"Memoryless Inference Controls for Statistical Databases," Proc. 1982 IEEE Symp. on Sec. & Privacy, (5: IEE-82), pp. 38-43.

Key Words: statistical, inference.

DEN-83

Denning, D.E.
"The Many-Time Pad: Theme and Variations," Proc. 1983 IEEE Symp. on Sec. & Privacy, (5: IEE-83a), pp. 23-30.

Key Words: database, encryption.

DEN-83a

Denning, D.E., and J. Schlorer
"Inference Controls for Statistical Data Bases," IEEE Computer, July 1983, pp. 69-82.

Key Words: statistical, inference.

DEN-83b

Denning, D.E.
"Field Encryption and Authentication," Proc. Crypto-83, Santa Barbara, 1983, (9: CHA-84b), pp. 231-247.

Key Words: statistical, encryption.

DEN-84

Denning, D.E.
"Cryptographic Checksums for Multilevel Database Security," Proc. 1984 IEEE Symp. on Sec. & Privacy, (5: IEE-84), pp. 52-61.

Key Words: MLS, database, encryption.

DEN-85

Denning, D.E.
"Commutative Filters for Reducing Inference Threats in Multilevel Database Systems," Proc. 1985 IEEE Symp. on Sec. & Privacy, (5: IEE-85), pp. 134-146.

Key Words: MLS, database, inference.

DEN-86

Denning, D.E., et al.
"Views for Multilevel Database Security," Proc. 1986 IEEE Symp. on Sec. & Privacy, (5: IEE-86), pp. 156-172.

Key Words: MLS, database, views.

DEN-86a

Denning, D.E.
"A Preliminary Note on the Inference Problem in Multilevel Database Systems," Proc. NCSC Workshop on Database Security, (6: COA-86), 1986, pp. 11-114.

Key Words: MLS, database, inference.

DEN-87

Denning, D.E., et al.
"Views for Multilevel Database Security," IEEE Trans. on Software Engr., February 1987, pp. 129-140.

Key Words: MLS, database, views.

DEN-87a

Denning, D.E., et al.
"A Multilevel Relational Data Model," Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 220-234.

Key Words: MLS, database, models.

DEN-87b

Denning, D.E.
"Database System Lessons Learned from Modeling a Secure Multilevel Relational Database System," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), 1987, pp. 35-43.

Key Words: MLS, database, models, relational, case.

DEN-88

Denning, D.E., et al.
"The SeaView Security Model," Proc. 1988 IEEE Symp. on Sec. & Privacy, (5: IEE-88a), pp. 218-233.

Key Words: database, model, views.

DEN-88a

Denning, D.E.
"Database Security," in Traub, J.F., et al., (Eds.), Annual Review of Computer Science, Volume 3, Annual Reviews, Inc., Palo Alto, CA, 1988, pp. 1-22.

Key Words: database, general.

DEN-88b

Denning, D.E.
"An Evolution of Views," Proc. RADC Data Base Security Invitational Workshop, Menlo Park, CA, May 1988 (6: LUN-90), pp. 74-77.

Key Words: MLS, database, views.

DEN-89

Denning, D.E.
"Toward a General Multi-Level Data Model," IEEE Cipher, April 1989, pp. 34-40.

Key Words: MLS, database, models.

DIL-86

Dillaway, B.B., and J.T. Haigh
"A Practical Design for Multi-Level Security in Secure Database Management Systems," Proc. 2nd Aerosp. Comp. Sec. Conf., (5: IEE-86a), 1986.

Key Words: MLS, database, design, case.

DIT-88

Dittrich, K.R., et al.
"Analysis of the Privacy Model for the Information System DORIS," Proc. IFIP WG 11.3 Workshop, (6: LAN-89b), 1988, pp. 105-121.

Key Words: database, model, case.

DOB-87

Dobson, J.
"Sec. & Databases: A
Personal View," Proc. IFIP
WG 11.3 Meeting, (6: LAN-
88), 1987, pp. 11-22.

Key Words: database,
general.

DOB-88

Dobson, J.E., and
J.A. McDermid
"Security Models and
Enterprise Models," Proc.
IFIP WG 11.3 Workshop, (6:
LAN-89b), 1988, pp. 1-39.

Key Words: database, models,
general.

DOW-86

Downs, D.D.
"Applicability of the TCSEC
to DBMS," Proc. NCSC
Workshop on Database Sec.,
(6: COA-86), 1986, pp. J1-
J11.

Key Words: MLS, DBMS,
criteria.

DOW-86a

Downs, D.D.
"Discretionary Security in
Database Management
Systems," Proc. NCSC
Workshop on Database Sec.,
(6: COA-86), 1986, pp. K1-
K10.

Key Words: DBMS, policy,
discretionary.

DOW-89

Downing, A.R., I.B.
Greenburg, and T.F. Lunt
"Issues in Distributed
Database Security," Proc. 5th
Security Applicat. Conf., (4:
IEE-89c), 1989, pp. 196-203.

Key Words: database,
network, general.

DUC-85

du Croix, A.J.
"Data Sharing and Access
Protection in Business System
12," Computers & Security,
December 1985, pp. 317-323.

Key Words: database, control,
case.

DUN-86

Duncan, G., and D. Lambert
"Disclosure-Limited Data
Dissemination," Journal of the
American Statistics
Association, Vol. 81, No. 393,
pp. 10-18.

Key Words: statistical,
methods.

DWY-87

Dwyer, P.A., G.D. Jelatis, and
B.M. Thuraisingham
"Multi-Level Security in
Database Management
Systems," Computers &
Security, June 1987, pp. 252-
260.

Key Words: MLS, DBMS,
methods.

DWY-88

Dwyer, P., et al.
"Query Processing in LDV: A
Secure Database System,"
Proc. 4th Aerosp. Comp. Sec.
Conf., (4: IEE-88b), 1988, pp.
118-124.

Key Words: database,
techniques.

ERI-83

Eriksson, R., and K. Beckman
"Protecting of Data Bases
Using File Encryption," Proc.
IFIP/Sec. '83, Stockholm,
1983, (2: FAK-83), pp. 217-
221.

Key Words: database,
encryption.

FEE-86

Feeney, T.
"Security Issues and Features
of Database Management
Systems," Information Age,
(U.K.), April 1986, pp. 85-94.

Key Words: DBMS, policy,
methods.

FER-81

Fernandez, E.B., R.C.
Summers, and C. Wood
Database Sec. & Integrity,
Addison-Wesley, Reading,
MA, 1981.

Key Words: book, database,
general.

FER-89

Fernandez, E.B., E.Gudes,
and H.Song
"A Security Model of Object-
Oriented Databases," Proc.
1989 IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp. 110-
115.

Key Words: database, models.

FRA-85

Fraga, J., and D. Powell
"A Fault and Intrusion-Tolerant
File System," Proc. IFIP/Sec.,
Dublin, 1985, (2: GRI-85), pp.
203-218.

Key Words: database, methods,
case.

FRI-80

Friedman, A.D., and
L.J. Hoffman
"Towards a Fail-Safe Approach
to Secure Databases," Proc.
1980 IEEE Symp. on Sec. &
Privacy, (5: IEE-80), pp. 18-
21.

Key Words: statistical,
methods.

FRO-88

Froscher, J.N., and C. Meadows
"Achieving a Trusted Database Management System Using Parallelism," Proc. IFIP WG 11.3 Workshop, (6: LAN-89b), 1988, pp. 151-160.

Key Words: DBMS, trusted, methods.

FUG-85

Fugini, M.
"Design of a Relational Schema for Database Dynamic Authorization Management," Proc. IFIP/Sec. '85, Dublin, 1985, (2: GRI-85), pp. 17-25.

Key Words: database, control, methods.

FUG-88

Fugini, M.G.
"Secure Database Development Methodologies," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), 1987, pp. 103-129.

Key Words: database, methods.

GAJ-88

Gajnak, G.E.
"Some Results from Entity-Relationship Multilevel Secure DBMS Project," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 66-71.

Key Words: MLS, DBMS, case.

GAJ-88a

Gajnak, G.E.
"Some Results from Entity/Relationship Multilevel Secure DBMS Project," Proc. RADC Data Base Security Invitational Workshop, Menlo Park, CA, May 1988, (6: LUN-90), pp. 144-156.

Key Words: MLS, DBMS, case.

GAL-85

Gal, G., and W.E. McCarthy
"Specification of Internal Accounting Controls in a Database Environment," Computers & Security, March 1985, pp. 23-32.

Key Words: database, auditing.

GAR-86

Garvey, C.
"Architecture Issues in Secure Database Management Systems," Proc. NCSC Workshop on Database Sec., (6: COA-86), 1986, pp. D1-D19.

Key Words: DBMS, design, methods.

GAR-88

Garvey, C., and A. Wu
"ASD-Views," Proc. 1988 IEEE Symp. on Sec. & Privacy, (5: IEE-88a), pp. 85-95.

Key Words: MLS, DBMS, views.

GAR-88a

Garvey, C., N. Jensen, and J. Wilson
"The Advanced Secure DBMS: Making Secure DBMSs Usable," Proc. IFIP WG 11.3 Workshop, (6: LAN-89b), 1988, pp. 187-195.

Key Words: MLS, DBMS, case.

GAR-88b

Garvey, C.E., and P.N. Papaccio
"Multilevel Data Store Design," Proc. 2nd Aerosp. Comp. Sec. Conf., (5: IEE-86a), 1986, pp. 58-64.

Key Words: MLS, database, design.

GAR-89

Garvey, C., et al.
"A Layered TCB Implementation Versus the Hinke-Schaefer Approach," Proc. IFIP WG 11.3 (Data Base) Workshop, (6: IFI-89), 1989.

Key Words: DBMS, design, case.

GIL-80

Gilhooley, I.A.
"Data Security, in Rullo, T.A. (Ed.), Advances in Computer Security Management, Vol. 1, Heyden & Son, Philadelphia, PA, 1980, pp. 33-56.

Key Words: database, methods, general.

GLA-88

Glasgow, J., G. MacEwen, and P. Panangaden
"Security by Permission in Databases," Proc. IFIP WG 11.3 Workshop, (6: LAN-89b), 1988, pp. 197-205.

Key Words: database, control, methods.

GRA-82

Graubart, R., and J.P.L. Woodward
"A Preliminary Naval Surveillance DBMS Security Model," Proc. 1982 IEEE Symp. on Sec. & Privacy, (5: IEE-82), pp. 21-37.

Key Words: DBMS, models, case.

GRA-84

Graubart, R.
"The Integrity Lock Approach to Secure Database Management," Proc. 1984 IEEE Symp. on Security Privacy, (5: IEE-84), pp. 62-74.

Key Words: DBMS, design, methods.

- GRA-84a
Graubart, R.D., and
S. Kramer
"The Integrity Lock Support
Environment," Proc. IFIP/Sec.
'84, Toronto, 1984, (2: FIN-
85), pp. 249-268.
- Key Words: database, design,
methods.
- GRA-89
Graubart, R.
"Comparing DBMS and
Operating System Security
Requirements -- The Need
for Separate DBMS Security
Criteria," Proc. IFIP WG
11.3 (Data Base) Workshop,
(6: IFI-89), 1989.
- Key Words: DBMS,
requirements, criteria.
- GRA-89a
Graubart, R.
"A Comparison of Three
Secure DBMS Architectures,"
Proc. IFIP WG 11.3 (Data
Base) Workshop, (6: IFI-89),
1989.
- Key Words: DBMS, design,
case.
- GUD-80
Gudes, E.
"The Design of a
Cryptography Based Secure
File System," IEEE Trans. on
Software Engr., September
1980, pp. 411-420.
- Key Words: database,
cryptography.
- GUY-89
Guynes, C.S.
"Protecting Statistical
Databases: A Matter of
Privacy," Computers &
Society, March 1989, pp. 15-
20.
- Key Words: statistical,
requirements.
- HAI-87
Haigh, J.T.
"Modeling Database Security
Requirements," Proc. IFIP
WG 11.3 Meeting, (6: LAN-
88), 1987, pp. 45-56.
- Key Words: database,
requirements.
- HAI-89
Haigh, J.T., et al.
"The LDV Approach to
Database Security," Proc. IFIP
WG 11.3 (Data Base)
Workshop, (6: IFI-89), 1989.
- Key Words: MLS, database,
methods.
- HAL-87
Hale, M.W.
"Status of Trusted Database
System Interpretations," Proc.
IFIP WG 11.3 Meeting, (6:
LAN-88), 1987, pp. 263-268.
- Key Words: database, criteria.
- HAR-81
Hartson, H.R.
"Data Base Security System
Architectures," Information
Systems, Vol. 6, No. 1, 1981,
pp. 1-22.
- Key Words: database, design.
- HEN-86
Henning, R.R., and
S.A. Walker
"Computer Architectures and
Database Security," Proc. 9th
Natl. Comp. Sec. Conf., (5:
NCS-86), 1986, pp. 216-230.
- Key Words: database, design.
- HEN-87
Henning, R.R.
"The Allocation of Database
Management System Security
Responsibilities," Proc. IFIP
WG 11.3 Meeting, (6: LAN-
88), 1987, pp. 131-148.
- Key Words: database,
management.
- HEN-88
Henning, R.R., R.P. Simonian
"Security Analysis of Database
Schema Information," Proc.
IFIP WG 11.3 Workshop, (6:
LAN-89b), 1988, pp. 233-245.
- Key Words: database, methods.
- HEN-88a
Henning, R.R.
"Industry and Government
DBMS Security & Privacy
Needs--A Comparison," Proc.
4th Aerosp. Comp. Sec. Conf.,
(4: IEE-88b), 1988, pp. 99-
105.
- Key Words: DBMS,
requirements.
- HEN-89
Henning, R.R.
"DAC Mechanisms in Trusted
Database Management
Systems," Proc. 2nd RADC
Data Base Security Workshop,
(6:RAD-90), May 1989.
- Key Words: DBMS,
discretionary.
- HIN-86
Hinke, T.H.
"Secure Database Management
System Architectural Analysis,"
Proc. NCSC Workshop on
Database Sec., (6: COA-86),
1986, pp. E1-E15.
- Key Words: DBMS, design,
methods.
- HIN-87
Hinke, T.H.
"DBMS Technology vs.
Threats," Proc. IFIP WG 11.3
Meeting, (6: LAN-88), 1987,
pp. 57-87.
- Key Words: DBMS, threats,
general.

HIN-88

Hinke, T.H.
"Inference Aggregation
Detection in Database
Management Systems," Proc.
1988 IEEE Symp. on Sec. &
Privacy, (5: IEE-88a), pp. 96-
106.

Key Words: database,
inference.

HIN-88a

Hinke, T.H.
"Database Inference Engine
Design Approach," Proc. IFIP
WG 11.3 Workshop, (6:
LAN-89b), Oct. 1988, pp.
247-262.

Key Words: database,
inference, design.

HIN-88b

Hinke, T.H., et al.
"A Secure DBMS Design,"
Postscript, 11th Natl. Comp.
Sec. Conf., (5: NCS-88a),
1988, pp. 1-13.

Key Words: database, design,
methods.

HIN-89

Hinke, T.H.
"DBMS Trusted Computing
Data Taxonomy," Proc. IFIP
WG 11.3 (Data Base)
Workshop, (6: IFI-89), 1989.

Key Words: DBMS, methods,
design.

HIN-89a

Hinke, T.H.
"Database Design with Row
Level MAC and Table Level
DAC," Proc. 2nd RADC
Data Base Security
Workshop, (6: RAD-90),
May 1989.

Key Words: MLS, database,
design.

HON-82

Hong, Y.-C., and S.Y.W. Su
"A Mechanism for Database
Protection in Cellular-Logic
Devices," IEEE Trans. on
Software Engr., November
1982, pp. 583-596.

Key Words: database,
techniques.

HOP-88

Hoppenstand, G.S., and
D.K. Hsiao
"Secure Access Control with
High Access Precision: An
Efficient Approach to
Multilevel Security," Proc.
IFIP WG 11.3 Workshop, (6:
LAN-89b), 1988, pp. 167-176.

Key Words: MLS, database,
control.

HOS-88

Hosmer, H.H., and
B.K. Burns
"Designing Multilevel Secure
Distributed Databases," Proc.
IFIP WG 11.3 Workshop, (6:
LAN-89b), 1988, pp. 161-165.

Key Words: MLS, database,
design.

HOS-89

Hosmer, H.H.
"Handling Integrity Lock
Violations," Proc. IFIP WG
11.3 (Data Base) Workshop,
(6: IFI-89), 1989.

Key Words: database,
techniques.

HSI-87

Hsiao, D.K.
"Database Security Course
Module," Proc. IFIP WG 11.3
Meeting, (6: LAN-88), 1987,
pp. 269-301.

Key Words: database,
awareness, general.

HUB-86

Hubbard, B.S., S.A. Walker,
and R.R. Henning
"Database Systems and The
Criteria: Do They Relate?,"
Proc. 9th Natl. Comp. Sec.
Conf., (5: NCS-86), 1986, pp.
21-24.

Key Words: database, criteria.

IEO-88

Jeong, I.T., and T.C. Ting
"An Analysis of Database
Security with Queries to
Higher Order Statistical
Information," Proc. IFIP WG
11.3 Workshop, (6: LAN-89b),
1988, pp. 207-223.

Key Words: statistical,
methods.

IFI-89

Proceedings, Workshop on
Database Security, IFIP WG
11.3 (Data Base), Monterey,
CA, September 5-7, 1989.

Key Words: proceedings,
database, MLS, methods,
general.

IJA-89

Jajodia, S., et al.
"Audit Trail Organization in
Relational Databases," Proc.
IFIP WG 11.3 (Data Base)
Workshop, (6: IFI-89), 1989.

Key Words: database, auditing.

IJA-89a

Jajodia, S., et al.
"Auditing in Secure Database
Management Systems," Proc.
2nd RADC Data Base Security
Workshop, (6: RAD-90), May
1989.

Key Words: DBMS, auditing,
methods.

- JEN-88
Jensen, N.R.
"System Security Officer Functions in the A1 Secure DBMS," Proc. IFIP WG 11.3 Workshop, (6: LAN-89b), Oct. 1988, pp. 53-62.

Key Words: MSL, DBMS, management.
- JEN-88a
Jensen, N.R.
"Implications of Multilevel Security on the Data Dictionary of a Secure Relational DBMS," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 58-59.

Key Words: MLS, DBMS, design.
- KEE-89
Keefe, T.F.,
M.B. Thuraisingham,
and W.T. Tsai
"Secure Query Processing Strategies," IEEE Computer, March 1989, pp. 63-70.

Key Words: database, methods, general.
- KEE-89a
Keefe, T., et al.
"Multi-Party Update Conflict: The Problem and Its Solution," Proc. 5th Aerosp. Comp. Sec. Conf., (4: IEE-89c), 1989, pp. 222-231.

Key Words: database, techniques.
- KEE-89b
Keefe, T.F., et al.
"SODA: A Secure Object-Oriented Database System," Computers & Security, October 1989, pp. 517-533.

Key Words: database, case.
- KEE-89c
Keefe, T.F., and W.T. Tsai
"Prototyping the SODA Security Models," Proc. IFIP WG 11.3 (Data Base) Workshop, (6: IFI-89), 1989.

Key Words: database, methods, case.
- KEM-87
Kemmerer, R.A.
"Formal Specification and Verification Techniques for a Trusted DBMS," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), 1987, pp. 229-240.

Key Words: DBMS, verification.
- KNO-87
Knode, R.B.
"Trudata: The Road to a Trusted DBMS," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 201-210.

Key Words: DBMS, methods, case.
- KNO-88
Knode, R.B. and R.A. Hunt
"Making Databases Secure with Trudata Technology," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 82-90.

Key Words: database, design, case.
- KUO-83
Kuong, J.J.
Controls for Advanced/On-Line, Database Systems, Management Advisory Publications, Wellesley Hills, MA, 1983.

Key Words: book, database, controls.
- LAN-87
Landwehr, C.E. (Chm.)
"Database Security: Where Are We," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), October 1987, pp. 1-9.

Key Words: database, general.
- LAN-87a
Landwehr, C.E. (Ed.)
Database Security: Status and Prospects, Proceedings, IFIP WG 11.3 (Data Base) Initial Meeting, Annapolis, MD, October 1987, North-Holland, Amsterdam, 1988.

Key Words: proceedings, database, general, methods..
- LAN-89
Landwehr, C.E., (Ed.)
Database Security, II: Status and Prospects, Proceedings, IFIP WG 11.3 (Data Base) Workshop, Kingston, Ontario, October 1988, North-Holland, Amsterdam, 1989.

Key Words: proceedings, database.
- LAV-84
Lavrence, D.I.
"Some Security Aspects of Decision Support Systems," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 239-248.

Key Words: database, requirements.
- LEI-82
Leiss, E.L.
Principles of Database Security, Plenum Press, New York, 1982.

Key Words: book, database, general.
- LEI-86
Leiss, F.L.
"The Inaccessible Set: A Classification by Query Type of Security Risk in Statistical Databases," Information Processing Letters, December 1986, pp. 275-279.

Key Words: statistical, methods.

LIE-85

Liew, C.K., W.J. Choi,
and C.J. Liew
"A Data Distortion by
Probability Distribution,"
ACM Trans. on Database
Systems, September 1985, pp.
395-411.

Key Words: statistical,
methods.

LIN-89

Lin, T.Y.
"Some Remarks on Inference
Controllers," Proc. 2nd
RADC Data Base Security
Workshop, (6: RAD-89),
May 1989.

Key Words: database,
inference.

LIN-89a

Lin, T.Y.
"Commutative Security
Algebra and Aggregation,"
Proc. 2nd RADC Data Base
Security Workshop, (6: RAD-
89), May 1989.

Key Words: database,
methods, theory.

LOC-87

Lochovsky, F.H., and
C.C. Woo
"Role-Based Security in
Database Management
Systems," Proc. IFIP WG
11.3 Meeting, (6: LAN-88),
1987, pp. 209-222.

Key Words: DBMS, methods.

LUN-87

Lunt, T.F., and T.A. Berson
"An Expert System to
Classify and Sanitize Text,"
Proc. 3d Aerosp. Comp. Sec.
Conf., (5: IEE-87b), 1987,
pp. 30-34.

Key Words: database,
techniques.

LUN-88

Lunt, T.F., et al.
"A Near-Term Design for the
Sea View Multilevel Database
System," Proc. 1988 IEEE
Symp. on Sec. & Privacy, (5:
IEE-88a), pp. 234-244.

Key Words: MLS, database,
design.

LUN-88a

Lunt, T.F.
"Access Control Policies for
Database Systems," Proc. IFIP
WG 11.3 Workshop, (6:
LAN-89b), 1988, pp. 41-52.

Key Words: database, control,
policy.

LUN-88b

Lunt, T.F.
"Multilevel Database Systems:
Meeting A1," Proc. IFIP WG
11.3 Workshop, (6: LAN-
89b), 1988, pp. 177-186.

Key Words: MLS, database,
methods.

LUN-88c

Lunt, T.F.
"A Summary of the RADC
Database Security Workshop,"
Proc. 11th Natl. Comp. Sec.
Conf., (5: NCS-88), 1988, pp.
188-193.

Key Words: database, general.

LUN-88d

Lunt, T.F.
"Toward a Multilevel
Relational Data Language,"
Proc. 4th Aerosp. Comp. Sec.
Conf., (4: IEE-88b), 1988, pp.
72-79.

Key Words: MLS, relational,
design.

LUN-88e

Lunt, T.F., et al.
"Element-Level Classification
with A-1 Assurance,"
Computers & Security,
February 1988, pp. 73-82.

Key Words: MLS, database,
methods.

LUN-89

Lunt, T.F.
"Aggregation and Inference:
Facts and Fallacies," Proc.
1989 IEEE Symp. on Sec. &
Privacy, (5: IEE-89b), pp. 102-
109.

Key Words: database,
inference.

LUN-89a

Lunt, T.F.
"Report from the Second
RADC Database Security
Workshop," Proc. 5th Aerosp.
Comp. Sec. Conf., (4: IEE-
89c), 1989, pp. 310-313.

Key Words: database, general.

LUN-89b

Lunt, T.F.
"Multilevel Security for
Object-Oriented Database
System," Proc. IFIP WG 11.3
(Data Base) Workshop, (6:
IFI-89), 1989.

Key Words: MLS, database,
methods.

LUN-90

Lunt, T.F.
Research Directions in
Database Security, Proceedings,
1st RADC Data Base Security
Invitational Workshop, Menlo
Park, CA, May 1988, Springer
Verlag, New York, 1990.

Key Words: proceedings,
general.

MAC-87

MacEwen, G.H.
"Effects of Distributed System
Technology on Database
Security: A Survey," Proc.
IFIP WG 11.3 Meeting, (6:
LAN-88), 1987, pp. 253-261.

Key Words: database,
networks.

- MAN-87
Manola, F.A.
"A Personal View of DBMS Security," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), Oct. 1987, pp. 23-34.
- Key Words: MLS, DBMS, general.
- MAT-86
Matloff, N.S.
"Another Look at the Use of Noise Addition for Database Security," Proc. 1986 IEEE Symp. on Sec. & Privacy, (5: IEE-86), pp. 173-180.
- Key Words: statistical, techniques.
- MAT-87
Matloff, N.S.
"Inference Control via Query Restriction vs. Data Modification," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), 1987, pp. 159-166.
- Key Words: statistical, techniques.
- MAT-88
Matloff, N.S., and P. Tendick
"The 'Curse of Dimensionality' in Database Security," Proc. IFIP WG 11.3 Workshop, (6: LAN-89b), 1988, pp. 225-232.
- Key Words: database, theory, methods.
- MCH-88
McHugh, J., and B.M. Thuraisingham
"Multilevel Security Issues in Distributed Database Management Systems," Computers & Security, August 1988, pp. 387-396.
- Key Words: MLS, DBMS, network.
- MCL-85
McLeish, M.
"Inference Controls for Intelligent Databases," Proceedings, 1985 Conference on Intelligent Systems and Machines, Oakland University Press, Oakland, MI, April 1985, pp. 71-75.
- Key Words: database, methods, control, inference.
- MCL-89
McLeish, M.
"Further Results on the Security of Partitioned Dynamic Statistical Databases," ACM Trans. on Database Systems, March 1989, pp. 98-113.
- Key Words: statistical, methods.
- MEA-87
Meadows, C., and S. Jajodia
"Integrity vs. Security in Multi-Level Secure Databases," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), 1987, pp. 89-101.
- Key Words: MLS, databases, methods, integrity.
- MEA-88
Meadows, C., and S. Jajodia
"Maintaining Correctness, Availability, and Unambiguity in Trusted Data Base Management Systems," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 106-110.
- Key Words: trusted, DBMS, methods, techniques.
- MEA-88a
Meadows, C.
"Designing a Trusted Application Using an Object-Oriented Data Model," Proc. RADC Data Base Security Invitational Workshop, Menlo Park, CA, May 1988 (6: LUN-90), pp. 157-163.
- Key Words: database, models, design.
- MEA-88b
Meadows, C.
"New Approaches to Database Security: Report on Discussion," Proc. RADC Data Base Security Invitational Workshop, Menlo Park, CA, May 1988, (6: LUN-90), pp. 193-200.
- Key Words: database, design, methods, general.
- MEA-89
Meadows, C.
"Constructing Containers Using a Multilevel Relational Data Model," Proc. IFIP WG 11.3 (Data Base) Workshop, (6: IFI-89), 1989.
- Key Words: database, model, design, relational.
- MEA-89a
Meadows, C., and J. Forscher
"Operating System Support of Multilevel Applications," Proc. 2nd RADC Data Base Security Workshop, (6: RAD-90), May 1989.
- Key Words: OS, database, methods.
- MIN-81
Minsky, N.
"Synergistic Authorization in Database Systems," Proc., 7th Internat. Conference on Very Large Database Systems, September 1981.
- Key Words: databases, control, methods, techniques.
- MIR-80
Miranda, S.
"Aspects of Data Security in General Purpose Data Base Management Systems," Proc. 1980 IEEE Symp. on Sec. & Privacy, (5: IEE-80), pp. 46-58.
- Key Words: DBMS, requirements, methods.

MOR-87

Morgenstern, M.
"Sec. & Inference in
Multilevel Database and
Knowledge-Base Systems,"
Proc., ACM Internat. Conf.
on Management of Data
(SIGMOD-87), May 1987.

Key Words: MLS, database,
inference.

MOR-88

Morgenstern, M.
"Controlling Logical
Inference in Multilevel
Database Systems," Proc.
1988 IEEE Symp. on Sec. &
Privacy, (5: IEE-88b), pp.
245-255.

Key Words: MLS, database,
inference.

MOR-88a

Morgenstern, M.
"Inference and Aggregation,"
Proc. RADC Data Base
Security Invitational
Workshop, Menlo Park, CA,
May 1988, (6: LUN-90), pp.
118-133.

Key Words: database,
inference.

NAS-83

Multilevel Data Management
Security, Report on 1982 Air
Force Summer Study, Air
Force Studies Board, National
Academy of Sciences,
Washington, DC, 1983.

Key Words: proceedings,
general.

NBS-81

Guidelines on Integrity
Assurance and Control in
Data Base Administration,
FIPS PUB 88, National
Bureau of Standards,
Gaithersburg, MD, August
1981.

Key Words: database,
guidelines integrity, methods.

NOT-86

Notargiacomo, L., and
J.P. O'Connor
"Report on Secure Distributed
Data Management System
Research," Proc. NCSC
Workshop on Database
Sec., (6: COA-86), 1986, pp.
G1-G9.

Key Words: database,
methods, network.

NOT-88

Notargiacomo, L.
"Secure Distributed DBMS -
Architecture Definition," Proc.
RADC Data Base Security
Invitational Workshop, Menlo
Park, CA, May 1988 (6:
LUN-90), pp. 23-48.

Key Words: MLS, DBMS,
design.

NOT-88a

Notargiacomo, L.
"Metadata and View
Classification," Proc. RADC
Data Base Security
Invitational Workshop, Menlo
Park, CA, May 1988 (6:
LUN-90), pp. 201-205.

Key Words: database,
methods, views.

OCO-88

O'Connor, J.P. and
J.W. Gray III
"A Distributed Architecture
for Multilevel Database
Security," Proc. 11th Natl.
Comp. Sec. Conf., (5: NCS-
88), 1988, pp. 179-187.

Key Words: MLS, database,
network.

OLD-84

Oldehoeft, A.E., and
R. McDonald
"A Software Scheme for User
Controlled File Encryption,"
Computers & Security,
February 1984, pp. 35-42.

Key Words: database,
encryption.

OMA-83

Omar, K.A., and D.L. Wells
"Modified Structure for the
Subkeys Model," Proc. 1983
IEEE Symp. on Sec. &
Privacy, (5: IEE-83a), pp. 79-
86.

Key Words: database,
encryption.

OZS-82

Ozsoyoglu, G., and F.Y. Chin
"Enhancing the Security of
Statistical Databases with a
Question-Answering System
and a Kernel Design," IEEE
Trans. on Software Engr., May
1982, pp. 223-234.

Key Words: statistical,
methods, inference, design.

OZS-85

Ozsoyoglu, G., and T.A. Su
"Rounding and Inference
Control in Conceptual Models
for Statistical Databases," Proc.
1985 IEEE Symp. on Sec. &
Privacy, (5: IEE-85), pp. 160-
173.

Key Words: statistical,
inference, techniques.

PAA-86

Paass, G.
"Disclosure Risk and
Disclosure Avoidance for
Microdata," Proc. IFIP/Sec.
'86, Monte Carlo, 1986, (2:
GRI-89).

Key Words: statistical, threats,
techniques.

PAL-87

Palley, M.A., and
J.S. Simonoff
"The Use of Regression
Methodology for Compromise
of Confidential Information in
Statistical Database," ACM
Trans. on Database Systems,
December 1987, pp. 593-608.

Key Words: statistical, threats.

PAT-85

Patkau, B.H., and
D.L. Tennenhouse
"The Implementation of
Secure Entity-Relationship
Databases," Proc. 1986 IEEE
Symp. on Sec. & Privacy, (5:
IEE-86), pp. 230-236.

Key Words: database, design,
methods.

PET-89

Petrie, M.L., E. Gudes, and
E.B. Fernandez
"Security Policies in Object-
Oriented Databases," Proc.
IFIP WG 11.3 (Data Base)
Workshop, (6: IFI-89), 1989.

Key Words: database, policy,
methods.

PLU-88

Pluimakers, G.M.J.
"Some Notes on
Authorization and Transaction
Management in Distributed
Database Systems,"
Computers & Security, June
1988, pp. 287-298.

Key Words: database, control,
network.

RAD-89

"Research Directions in
Database Security, II,"
Proceedings, 2nd RADC Data
Base Security Workshop,
Bethlehem, NH, May 1989,
SRI International, Menlo
Park, CA, December 22,
1989.

Key Words: proceedings,
general, policy, methods.

REI-80

Reiss, S.P.
"Practical Data Swapping,"
Proc. 1980 IEEE Symp. on
Sec. & Privacy, (5: IEE-80),
pp. 38-45.

Key Words: database,
techniques.

REI-84

Reiss, S.P.
"Practical Data Swapping: The
First Steps," ACM Trans. on
Database Systems, March
1984, pp. 20-37.

Key Words: database,
techniques.

ROD-80

Rodriguez, J.J., and
P.S. Fisher
"Security Problems in a Data
Base Environment," in Rullo,
T.A. (Ed.), Advances
in Computer Security
Management, Vol. 1, Heyden
& Son, Philadelphia, PA,
1980, pp. 122-139.

Key Words: database, threats.

ROU-87

Rougeau, P.A. and
E.D. Sturms
"The Sybase Secure
Datasever: A Solution to the
Multilevel Secure DBMS
Problem," Proc. 10th Natl.
Comp. Sec. Conf., (5: NCS-
87a), 1987, pp. 211-215.

Key Words: MLS, DBMS,
case.

RUD-85

Rudell, M.E.
"Labeling Screen Output,"
Proc. 1986 IEEE Symp. on
Sec. & Privacy, (5: IEE-86),
pp. 237-240.

Key Words: database,
techniques.

RUS-89

Russell, L.
"Semantic Overloading of the
Relational Model for
Multilevel Security," Proc.
2nd RADC Data Base
Security Workshop, (6: RAD-
89), May 1989.

Key Words: MLS, database,
methods.

SAD-89

Sadhu, R.
"Mandatory Controls for
Database Integrity," Proc. IFIP
WG 11.3 (Data Base)
Workshop, (6: IFI-89), 1989.

Key Words: database, integrity.

SCH-80

Schell, R.R., and L.A. Cox
"A Secure Archival Storage
System," Conference Record,
1980 IEEE Fall Comcon,
Washington, DC, 1980.

Key Words: database, case.

SCH-80a

Schloler, J.
"Disclosure from Statistical
Databases: Quantitative
Aspects of Trackers," ACM
Trans. on Database Systems,
December 1980, pp. 467-492.

Key Words: statistical,
inference.

SCH-81

Schloler, J.
"Security in Statistical
Databases: Multidimensional
Transformations," ACM Trans.
on Database Systems, March
1981, pp. 95-112.

Key Words: statistical,
techniques.

SCH-83

Schloerer, J., and
D.E. Denning
"Protecting Query Based
Statistical Output," Proc.
IFIP/Sec. '83, Stockholm,
1983, (2: FAK-83), pp. 37-46.

Key Words: statistical,
techniques.

SCH-83a

Schloerer, J.
"Information Loss in
Partitioned Statistical
Databases," Computer Journal,
No. 3, 1983, pp. 218-223.

Key Words: statistical,
inference.

SCH-85

Schaefer, M.
"On the Logical Extension of the Criteria Principles to Design of Multi-level Database Management Systems," Proc. 8th Natl. Comp. Sec. Conf., (5: NCS-85), 1985, pp. 28-30.

Key Words: MLS, DBMS, criteria, design.

SCH-86

Schell, R.R., and D.E. Denning
"Integrity in Trusted Database Systems," Proc. 9th Natl. Comp. Sec. Conf., (5: NCS-86), 1986, pp. 30-36.

Key Words: database, integrity.

SCH-86a

Schell, R.R., and D.E. Denning
"Integrity in Trusted Database Systems," Proc. NCSC Workshop on Database Sec., (6: COA-86), 1986, pp. C1-C14.

Key Words: database, integrity.

SCH-88

Schaeffer, M.
"Dynamic Classification and Automatic Sanitization," Proc. RADC Data Base Security Invitational Workshop, Menlo Park, CA, May 1988 (6: LUN-90), pp. 134-139.

Key Words: database, techniques.

SHO-88

Shockley, W.R. and D.F. Warren
"Description of Multilevel Secure Entity-Relationship DBMS Demonstration," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 171-178.

Key Words: MLS, DBMS, design, case.

SIC-83

Sicherman, G.L., W. deJonge and R. van de Ried
"Answering Questions Without Revealing Secrets," ACM Trans. on Database Systems, March 1983, pp. 41-59.

Key Words: database, methods.

SMI-88

Smith, G.W.
"Identifying and Representing the Security Semantics of an Application," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 125-130.

Key Words: database, models, methods.

SMI-88a

Smith, G.W.
"Classifying and Downgrading: Is a Human Needed in the Loop?," Proc. RADC Data Base Security Invitational Workshop, Menlo Park, CA, May 1988, (6: LUN-90), pp. 164-185.

Key Words: MLS, database, methods.

SMI-89

Smith, G.W.
"Going Beyond Technology to Meet the Challenge of Multilevel Database Security," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 1-10.

Key Words: MLS, database, methods.

SMI-89a

Smith, G.W.
"Multilevel Secure Database Design: A Practical Applications," Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 314-321.

Key Words: MLS, database, design.

SMI-89b

Smith, G.W.
"Solving Multilevel Database Security Problems: Technology Is Not Enough," Proc. IFIP WG 11.3 (Data Base) Workshop, (6: IFI-89), 1989.

Key Words: MLS, database, methods.

SMI-89c

Smith, G.W.
"MAC, DAC and the Need-to-Know," Proc. 2nd RADC Data Base Security Workshop, (6: RAD-89), May 1989.

Key Words: MLS, database, policy.

SMI-89d

Smith, G.W.
"Homework Problem #2: MLS Database Design," Proc. 2nd RADC Data Base Security Workshop, (6: RAD-89), May 1989.

Key Words: MLS, database, design.

SMI-89e

Smith, W.G.
"Report on the Homework Problem," Proc. 2nd RADC Data Base Security Workshop, (6: RAD-89), May 1989.

Key Words: MLS, database, design.

SPO-84

Spooner, D.L., and E. Gudes
"A Unifying Approach to the Design of Secure Database Operating Systems," IEEE Trans. on Software Engr., May 1984, pp. 310-319.

Key Words: MLS, database, OS, design.

SPO-86

Spooner, A.M., et al.
"Framework for the Security Component of an ADA DBMS," Proceedings, 12th International Conference on Very Large Data Bases, 1986, pp. 347-354.

Key Words: DBMS, methods, case.

SPO-86a

Spooner, A.M., et al.
"Framework for the Security Component of an ADA DBMS," Proc. NCSC Workshop on Database Sec., (6: COA-86), 1986, pp. F1-F15.

Key Words: DBMS, methods, case.

SPO-87

Spooner, D.L.
"Relationships Between Database System and Operating System Security," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), Oct. 1987, pp. 149-158.

Key Words: database, OS, design.

SPO-88

Spooner, D.L.
"The Impact of Inheritance on Security in Object-Oriented Database System," Proc. IFIP WG 11.3 Workshop, (6: LAN-89b), Oct. 1988, pp. 141-150.

Key Words: database, model, methods.

STA-88

Stachour, P., B.
Thuraisingham, and P. Dwyer
"Update Processing in LDV: A Secure Database System," Postscript, 11th Natl. Comp. Sec. Conf., (5: NCS-88a), 1988, pp. 96-115.

Key Words: MLS, database, method, case.

STA-88a

Stachour, P.
"LOCK Data Views," Proc. RADC Data Base Security Invitational Workshop, Menlo Park, CA, May 1988 (6: LUN-90), pp. 65-73.

Key Words: MLS, database, views.

SUM-81

Summers, R.C.,
E.B. Fernandez, and C. Wood
"Auditing and Control in a Database Environment," Computer Security Journal, Spring 1981, pp. 99-121.

Key Words: database, auditing, case.

SUT-87

Su, T.-A., and G. Ozsoyoglu
"Data Dependencies and Inference Control in Multilevel Relational Database Systems," Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 202-211.

Key Words: MLS, DBMS, inference, control, design.

SUT-89

Su, T.-A., J. Chung, and G. Ozsoyoglu
"On the Cell Suppression by Merging Technique in the Lattice Model of Summary Tables," Proc. 1989 IEEE Symp. on Sec. & Privacy, (5: IEE-89b), pp. 126-135.

Key Words: statistical, model, method, techniques.

SUT-89a

Su, T.-A., and G. Ozsoyoglu
"Multivalued Dependency Inferences Relational Database Systems," Proc. IFIP WG 11.3 (Data Base) Workshop, (6: IFI-89), 1989.

Key Words: database, inference.

THO-88

Thompsen, D., W.T. Tsai, and M.B. Thuraisingham
"Prototyping as a Research Tool for MLS/DBMS," Proc. IFIP WG 11.3 Workshop, (6: LAN-89b), Oct. 1988, pp. 63-84.

Key Words: MLS, DBMS, design.

THO-89

Thomsen, D., W.T. Tsai, and M.B. Thuraisingham
"Prototyping to Explore MLS/DBMS Design," Computers & Security, May 1989, pp. 229-245.

Key Words: MLS, DBMS, design.

THU-87

Thuraisingham, M.B.
"Security Checking in Relational Database Management Systems Augmented with Inference Engines," Computers & Security, December 1987, pp. 479-492.

Key Words: DBMS, inference, methods.

THU-88

Thuraisingham, M.B.,
W.T. Tsai, and T.F. Keefe
"Secure Query processing Using AI Techniques," Proceedings, 21st Hawaii Internat. Conference on Systems Sciences, January 1988.

Key Words: database, techniques.

THU-88a

Thuraisingham, M.B.
"Foundations of Multilevel Databases," Proc. RADC Data Base Security Invitational Workshop, Menlo Park, CA, May 1988 (6: LUN-90).

Key Words: MLS, database, theory.

- THU-89
Thuraisingham, M.B.
"A Multilevel Secure Data Model," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 579-590.
- Key Words: MLS, database, models.
- THU-89a
Thuraisingham, M.B.
"Mandatory Security in Object-Oriented Database Systems," Proceedings, ACM Conference on Object-Oriented Programming, October 1989.
- Key Words: MLS, database, policy.
- THU-89b
Thuraisingham, M.B.
"Recent Developments in Database Security," Proc., IEEE Comp. Applicat. Conf., September 1988.
- Key Words: database, general, methods.
- THU-89c
Thuraisingham, M.B.
"Security Checking with Prolog Extensions," Proceedings, 2nd RADC Data Base Security Invitational Workshop, Franconia, NH, May 1989 (6: RAD-90).
- Key Words: database, techniques.
- THU-89d
Thuraisingham, M.B.
"A Functional View of Multilevel Databases," Computers & Security, December 1989, pp. 721-729.
- Key Words: MLS, database, methods.
- THU-89e
Thuraisingham, M.B.
"Secure Query Processing in Intelligent Database Management Systems," Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 204-214.
- Key Words: DBMS, methods, techniques.
- TIN-87
Ting, T.C.
"A User-Role Based Data Security Approach," Proc. IFIP WG 11.3 Meeting, (6: LAN-88), Oct. 1987, pp. 187-208.
- Key Words: database, methods.
- TRA-84
Traub, J.F., Y. Yemeni, and H. Wozniakowski
"The Statistical Security of a Statistical Database," ACM Trans. on Database Systems, December 1984, pp. 672-679.
- Key Words: statistical, methods.
- TRO-86
Troxell, P.J.
"Trusted Database Design," Proc. 9th Natl. Comp. Sec. Conf., (5: NCS-86), 1986, pp. 37-40.
- Key Words: database, trusted, design.
- TRU-84
Trueblood, R.P.
"Security Issues in Knowledge Systems," Proceedings, 1st International Workshop on Expert Database Systems, October 1984, pp. 834-840.
- Key Words: database, general, methods.
- VAN-80
van de Riet, R.P., and A. Wasserman
"A Module Definition Facility for Access Control in Distributed Data Base Systems," Proc. 1980 IEEE Symp. on Sec. & Privacy, (5: IEE-80), pp. 59-66.
- Key Words: database, network, control.
- VAN-86
van der Lans, R.F.
"Data Security in a Relational Database Environment," Computers & Security, June 1986, pp. 128-134.
- Key Words: database, relational.
- VET-89
Vetter, L., and G. Smith
"TCB Subsets: The Next Step," Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 216-221.
- Key Words: database, design.
- WAG-82
Wagner, N.R.
"Shared Database Access Using Composed Encryption Functions," Proc. 1982 IEEE Symp. on Security and Privacy, (5: IEE-82), pp. 104-110.
- Key Words: database, encryption, control.
- WAG-83
Wagner, N.R.
"Fingerprinting," Proc. 1983 IEEE Symp. on Sec. & Privacy, (5: IEE-83a), pp. 18-22.
- Key Words: database, techniques, control, authentication.

WAG-86

Wagner, N.R., P.S. Putter
and M.R. Cain
"Encrypted Database Design:
Specialized Approaches,"
Proc. 1986 IEEE Symp. on
Sec. & Privacy, (5: IEE-86),
pp. 148-153.

Key Words: database, design,
encryption, techniques.

WHI-89

Whitehurst, R.A., and
T.F. Lunt
"The SeaView Verification,"
Proc. Comp. Sec.
Foundations Workshop, 1989
(3: IEE-89a), pp. 125-132.

Key Words: verification,
views, case.

WHI-89a

Whitehurst, R.A., and
T.F. Lunt
"The Seaview Verification
Effort," Proc. 12th Natl.
Comp. Sec. Conf., (5: NCS-
89), 1989, pp. 18-27.

Key Words: verificatio,
views, case.

WIL-88

Wilson, J.
"Views as the Security
Objects in a Multilevel
Secure Relational Database
Management System," Proc.
1988 IEEE Symp. on Sec. &
Privacy, (5: IEE-88a), pp. 70-
84.

Key Words: MLS, DBMS,
views.

WIL-89

Wilson, J.
"A Security Policy for an
A1DBMS (a Trusted
Subject)," Proc. 1989 IEEE
Symp. on Sec. & Privacy, (5:
IEE-89b), pp. 116-125.

Key Words: MLS, DBMS,
policy, case.

WIN-88

Winkler, H.
"Sybase Secure SQL Server,"
Proc. RADC Data Base
Security Invitational
Workshop, Menlo Park, CA,
May 1988, (6: LUN-90), pp.
65-73.

Key Words: database,
methods, case.

WIS-89

Wiseman, S.
"On the Problem of Security
in Databases," Proc. IFIP WG
11.3 (Data Base) Workshop,
(6: IFI-89), 1989.

Key Words: database,
requirements.

WOO-80

Wood, C., E.B. Fernandez, and
R.C. Summers
"Data Base Security:
Requirements, Policies, and
Models," IBM Systems
Journal, Vol. 19, No. 2, 1980,
pp. 229-252.

Key Words: database,
requirements.

WOO-89

Wood, T.
"A Trusted Database Machine
Kernel for Nonproprietary
Hardware," Proc. 12th Natl.
Comp. Sec. Conf., (5: NCS-
89), 1989, pp. 11-17.

Key Words: database, kernel,
design.

WUA-88

Wu, A.
"A1 Secure DBMS
Architecture," Proc. RADC
Data Base Security Invitational
Workshop, Menlo Park, CA,
May 1988, (6: LUN-90), pp.
15-22.

Key Words: MLS, DBMS,
design, case.

7. Communication and Network Security

This section cites publications on physical security in networks, applied cryptographic techniques, secure communications protocols, and trusted network development.

ABB-84

Abbruscato, C.R.
"Data Encryption
Equipment", IEEE
Communications Magazine,
September 1984, pp. 15-21.

Key Words: crypto,
hardware.

ABB-86

Abbruscato, C.R.
"Choosing a Key
Management Style That Suits
the Application," Data
Communications, April 1986,
pp. 146-160.

Key Words: crypto, keys.

ABR-85

Abrams, M.D.
"Observations on Local Area
Network Security," Proc. 5th
Sec. Applicat. Conf., (5: IEE-
89c), 1989, pp. 77-82.

Key Words: LAN, methods,
general.

ABR-87

Abrams, M.D.
"Evaluating Security Services
Under Part II of the Trusted
Network Interpretation," Proc.
3d Aerosp. Comp. Sec.
Conf., (5: IEE-87b), 1987,
pp. 44-51.

Key Words: trusted, network,
criteria.

ABR-88

Abrams, M.D., S.I. Schaan,
and M.W. Schwartz
"Strawman Trusted Network
Interpretation Guideline,"
Proc. 11th Natl. Comp. Sec.
Conf., (5: NCS-88), 1988, pp.
194-200.

Key Words: guidelines,
trusted, network, criteria.

ADD-88

Addison, K.P.
"Secure Networking at Sun
Microsystems, Inc.," Proc.
11th Natl. Comp. Sec. Conf.,
(5: NCS-88), 1988, pp. 212-
218.

Key Words: methods,
network, case.

AGN-84

Agnew, G.B.
"Secrecy and Privacy in a
Local Area Network
Environment," Proc. Eurocrypt
'84, Paris, 1984, (8: BET-85),
pp. 349-363.

Key Words: LAN, methods,
general.

AGN-85

Agnew, G.B.
"Modeling of Encryption
Techniques for Secrecy and
Privacy in Multi-User
Networks," Proc. Eurocrypt
'85, Linz, 1985, (8: PIC-86),
pp. 221-230.

Key Words: crypto,
techniques, models, network.

ALB-84

Albert, D.J., et al.
"Combating Software Piracy
by Encryption and Key
Management," IEEE Computer,
April 1984, pp. 68-72.

Key Words: threats, crypto,
keys, management.

ALV-89

Alvarez, D.L.
"Site Preparedness for the Next
Network Emergency," Proc.
11th Natl. Comp. Sec. Conf.,
(5: NCS-89), 1989, pp. 601-
604.

Key Words: contingency,
network.

AMS-88

Amsel, E.
"Network Security and Access
Control," Computers &
Security, February 1988, pp.
53-57.

Key Words: control, network.

AND-85

Anderson, J.P.
"Unification of Computer and
Network Security Concepts,"
Proc. 1985 IEEE Symp. on
Sec. & Privacy, (5: IEE-85),
pp. 77-87.

Key Words: models, network.

AND-87

Anderson, D.P., and
P.V. Ragan
"A Basis for Secure
Communication in Large
Distributed Systems," Proc.
1987 IEEE Symp. on Sec. &
Privacy, (5: IEE-87a), pp. 167-
172.

Key Words: policy, distributed,
models, network.

- AND-87a
Anderson, D.P., and P.V. Ragan
"High-Performance Interface Architectures for Cryptographic Hardware," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 301-309.
- Key Words: crypto, hardware.
- ANS-82
American National Standard for PIN Management and Security, X9.8-1988, American Bankers Association, Washington, DC, January 1982.
- Key Words: control, standards.
- ANS-82a
American National Standard for Financial Institution Message Authentication, X9.9-1982 American Bankers Association, Washington, DC, April 1982.
- Key Words: control, standards.
- ARB-89
Arbo, R.S., E.M. Johnson, and R.L. Sharp
"Extending Mandatory Access Controls to a Networked MLS Environment," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 286-295.
- Key Words: MLS, network, control.
- ARS-84
Arsenault, A.
"Security Issues Involved in Networking Personal Computers," Proc. 7th Seminar, DoD Comp. Sec. Progr., (5: DOD-84), 1984, pp. 72-78.
- Key Words: policy, PC, network, requirements.
- ARS-87
Arsenault, A.W.
"Development in Guidance for Trusted Networks," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 1-8.
- Key Words: guidelines, trusted, network, criteria.
- ARS-87a
Arsenault, A.W.
"Developments in Guidance for Trusted Networks: The Trusted Network Interpretation," AIAA No. 87-3074, Proc. 3d Aerosp. Comp. Sec. Conf., (5: IEE-87b), 1987, pp. 52-59.
- Key Words: guidelines, trusted, network, criteria.
- BAC-89
Bacon, M.
"Assessing Public Network Security," Telecommunications, December 1989, pp. 19-20.
- Key Words: requirements, network, general.
- BAK-84
Baker, P.C.
"Communications System Security Evaluation Criteria," Proc. 7th Seminar, DoD Comp. Sec. Progr., (5: DOD-84), 1984, pp. 58-71.
- Key Words: criteria, general.
- BAK-85
Baker, P.C., et al.
"A1 Assurance for an Internet System: Doing the Job," Proc. 9th Natl. Comp. Sec. Conf., (5: NCS-86), 1986, pp. 130-137.
- Key Words: verification, network, methods, case.
- BAL-85
Balenson, D.M.
"Automated Distribution of Cryptographic Keys Using the Financial Institution Key Management Standard," IEEE Communications Magazine, September 1985, pp. 41-46.
- Key Words: crypto, keys, standards.
- BAN-82
Banerjee, S.K.
"High-Speed Implementation of the DES," Computers & Security, November 1982, pp. 261-267.
- Key Words: crypto, DES, hardware.
- BAR-83
Barnes, D.
"The Provision of Security for User Data on Packet Switched Networks," Proc. 1983 IEEE Symp. on Sec. & Privacy, (5: IEE-83a), pp. 121-126.
- Key Words: methods, network.
- BAR-86
Barrett, P.
"Implementing the Rivest Shamir and Adleman Public Key Encryption Algorithm on a Standard Digital Signal Processor," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 311-323.
- Key Words: RSA, hardware, case.
- BAR-89
Barker, L.K.
"The SILS Model for LAN Security," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 267-276.
- Key Words: LAN, models, case.

BAR-89a

Barrett, P.
 "The Smart Diskette--A
 Universal Cryptoengine,"
Proc. Crypto '89, Santa
 Barbara, CA, (8: BRA-89)
 1989.

Key Words: crypto,
 techniques.

BAR-89b

Bartlett, W.
 "Security for Packet-Switched
 Networks,"
Telecommunications,
 September 1989, pp. 47-49.

Key Words: networks,
 general.

BAU-83

Bauer, R.K., T.A. Berson,
 and R.J. Feiertag
 "A Key Distribution Protocol
 Using Event Markers," ACM
Trans. on Computer Systems,
 August 1983, pp. 249-255.

Key Words: crypto, keys,
 method.

BAY-88

Bayle, A.J.
 "Security in Open System
 Networks: A Tutorial
 Survey," Information Age,
 (U.K.), July 1988, pp. 131-
 145.

Key Words: networks,
 general.

BEC-80

Becker, H.B.
 "Data Network Security:
 Everyone's Problem," Data
Communications, September
 1980, pp. 72-90.

Key Words: networks,
 general.

BEK-84

Beker, H., and M. Walker
 "Key Management for Secure
 Electronic Transfer in Retail
 Environment". Proc. Crypto
'84, Santa Barbara, CA, 1984,
 (8: BLA-84a), pp. 401-410.

Key Words: crypto, keys,
 case.

BEK-85

Beker, H. and F. Piper
Secure Speech
Communications, Academic
 Press, New York, 1985.

Key Words: book, techniques.

BEK-87

Beker, H.J., and G.M. Cole
 "Message Authentication and
 Dynamic Passwords," Proc.
Eurocrypt '87, Amsterdam,
 1987, (8: CHA-88a), pp. 171-
 175.

Key Words: network,
 methods, authentication.

BEL-86

Bell, D.E.
 "Secure Computer Systems: A
 Network Interpretation," Proc.
2nd Aerosp. Comp. Sec.
Conf., (5: IEE-86a), 1986, pp.
 2-4.

Key Words: trusted, network,
 criteria, methods.

BEL-89

Bellovin, C.
 "Security Problems in TCP/IP
 Protocol Suite," ACM
Computer Communications
Rev., April 1989, pp. 32-48.

Key Words: threats, protocols,
 requirements, case.

BER-82

Berson, T.A.
 "Local Network Cryptosystem
 Architecture: Access Control,"
Proc. Crypto-82, Santa
 Barbara, CA, 1982, (9: CHA-
 83b), pp. 251-258.

Key Words: LAN, crypto,
 methods.

BER-82a

Berson, T.A., and R.K. Bauer
 "Local Network Cryptosystem
 Architecture," Proceedings,
IEEE Comcon, Spring, 1982,
 pp. 138-143.

Key Words: LAN, crypto,
 methods.

BER-83

Berman, A.
 "Evaluating On-Line Computer
 Security," Data
Communications, July 1983,
 pp. 145-152.

Key Words: management,
 methods.

BON-89

Bong, D., and C. Ruland
 "Optimized Software
 Implementations of the
 Modular Exponentiation on
 General Purpose
 Microprocessors," Computers
& Security, December 1989,
 pp. 621-630.

Key Words: RSA, methods,
 PC.

BOS-88

Bosen, R.
 "Securing the Micro-
 Mainframe Link," Proc.
IFIP/Sec. '88, Australia, 1989,
 (2: CAE-89), pp. 351-355.

Key Words: control,
 techniques, PC.

BOY-88

Boyd, C.
 "Some Applications of
 Multiple Key Ciphers," Proc.
Eurocrypt '88, Davos, 1988 (9:
 GUN-89), pp. 455-467.

Key Words: crypto, methods,
 case.

BRA-82

Branstad, D.K., and
M.E. Smid
"Integrity and Security
Standards Based on
Cryptography," Computers &
Security, November 1982, pp.
255-260.

Key Words: crypto, methods,
standards.

BRA-85

Brand, S.
"A Status Report on the
Development of Network
Criteria," Proc. 8th Natl.
Comp. Sec. Conf., (5: BCS-
85), 1985, pp. 145-151.

Key Words: network, criteria.

BRA-85a

Bradey, R.L., and
I.G. Graham
"Full Encryption in a
Personal Computer System,"
Proc. Eurocrypt '85, Linz,
1985, (8: PIC-86), pp. 231-
240.

Key Words: crypto, methods,
PC.

BRA-87

Branstad, D.K.
"Considerations for Security
in the OSI Architecture,"
Proc. 10th Natl. Comp. Sec.
Conf., (5: NCS-87a), 1987,
pp. 9-14.

Key Words: OSI, network,
methods.

BRA-87a

Branstad, D.K.
"Considerations for Security
in the OSI Architecture,"
IEEE Network Magazine,
April 1987.

Key Words: OSI, network,
methods.

BRA-87b

Branstad, D., et al.
"SP4: A Transport
Encapsulation Security
Protocol," Proc. 10th Natl.
Comp. Sec. Conf., (5: NCS-
87a), 1987, pp. 158-161.

Key Words: protocols, case.

BRA-87c

Branstad, M., et al.
"SP4: A Transport
Encapsulation Security
protocol," AIAA No. 87-3060,
Proc. 3d Aerosp. Comp. Sec.
Conf., (5: IEE-87b), 1987, pp.
143-145.

Key Words: protocols, case.

BRA-89

Branstad, M., et al.
"Key Management and Access
Control for an Electronic Mail
System," Proc. 12th Natl.
Comp. Sec. Conf., (5: NCS-
89), 1989, pp. 230-231.

Key Words: EM, crypto, keys.

BRI-84

Britton, D.E.
"Formal Verification of a
Secure Network with End-to-
End Encryption," Proc. 1984
IEEE Symp. on Sec. &
Privacy, (5: IEE-84), pp. 154-
166.

Key Words: crypto, network,
methods.

BRI-89

Brickell, E.F.
"A Survey of Hardware
Implementations of RSA"
Proc. Crypto '89, Santa
Barbara, CA, (8: BRA-90),
1989.

Key Words: RSA, hardware,
general.

BRO-84

Browne, P.S.
"How to Manage the Network
Security Problem," Computer
Security Journal, Summer
1984, pp. 75-88.

Key Words: management,
network.

BUR-87

Burger, W.
"Networking of Secure Xenix
Systems," Proc. 10th Natl.
Computer Sec. Conf., (5:
NCS-87a), 1987, pp. 254-256.

Key Words: network, methods,
case.

BUS-83

Busse, J.G.
"Developing a Cryptographic
System for Electronic Mail,"
The Office, November 1983,
pp. 122-128.

Key Words: crypto, methods,
case.

CAC-84

Caccetta, L.
"Vulnerability of
Communications Networks,"
Networks, Vol. 14, No. 1,
1984, pp. 117-140.

Key Words: vulnerabilities,
network.

CAL-83

Callaghan, D.R.
"Securing the Distributed Word
Processing Network,"
Computers & Security, January
1983, pp. 78-81.

Key Words: methods, network.

CAP-88

Capel, A.C., C. Laterriere,
and K.C. Toth
"Protecting the Security of
X.25 Communications," Data
Communications, November
1988, pp. 123-139.

Key Words: methods,
protocols,

CAR-86

Carroll, J.M., and S. Martin
"Cryptographic Requirements
for Secure Data
Communications," Proc.
IFIP/Sec. '86, Monte Carlo,
1986, (2: GRI-89).

Key Words: crypto,
requirements.

CAR-87

Carroll, J.M.
"Strategies for Extending the
Useful Lifetime of DES,"
Computers & Security,
August 1987, pp. 300-313.

Key Words: DES,
management.

CAS-88

Casey, T.J., and S.R. Wilbur
"Privacy Enhanced Electronic
Mail," Proc. 4th Aerosp.
Comp. Sec. Conf., (4: IEE-
88b), 1988, pp. 16-21.

Key Words: EM, policy,
methods.

CER-83

Cerullo, M.J.
"Data Communication
Controls," Computers &
Security, January 1983, pp.
67-72.

Key Words: controls, general.

CHE-89

Chess, D.M.
"Computer Viruses and
Related Threats to Computer
and Network Integrity,"
Computer Networks and
ISDN Systems, July 1989,
pp. 141-148.

Key Words: threats, network.

CHI-89

Chick, G.C., and
F.E. Tavares
"Flexible Access Control with
Master Keys" Proc. Crypto
'89, Santa Barbara, CA, (8:
BRA-90), 1989.

Key Words: crypto, control,
keys.

CHI-89a

Chiou, G.-H., and W.-T. Chen
"Secure Broadcasting Using
the Secure Lock," IEEE
Trans. on Software Engr.,
August 1989, pp. 929-934.

Key Words: network,
techniques, case.

CHR-88

Christofferson, P.
"Message Authentication and
Encryption Combined,"
Computers & Security,
February 1988, pp. 65-71.

Key Words: crypto, control.

CIM-85

Cimimiera, L., and
A. Valenzano
"Authentication Mechanisms
in Microprocessor-Based
Local Area Networks," IEEE
Trans. on Software Engr.,
May 1989, pp. 654-958.

Key Words: LAN,
authentication.

CLA-87

Clark, A.J.
"Physical Protection of
Cryptographic Devices," Proc.
Eurocrypt '87, Amsterdam,
1987, (8: CHA-88a), pp. 83-
93

Key Words: crypto, physical,
hardware, techniques.

COH-85

Cohen, F.
"A Secure Computer Network
Design," Computers &
Security, September 1985, pp.
189-206.

Key Words: network, design.

COH-87

Cohen, F.
"Protection and Administration
of Information Networks with
Partial Ordering," Computers
& Security, April 1987, pp.
118-128.

Key Words: network,
management, methods,
control.

COH-87a

Cohen, F.
"Design and Administration of
Distributed and Hierarchical
Information Networks Under
Partial Ordering," Computers
& Security, June 1987, pp.
219-228.

Key Words: network,
management, methods, control.

COH-87b

Cohen, F.
"Design and Protection of
Information Networks Under a
Partial Ordering," Computers
& Security, August 1987, pp.
332-338.

Key Words: network, design,
methods.

COH-87c

Cohen, F.
"A Cryptographic Checksum
for Integrity Protection,"
Computers & Security,
December 1987, pp. 505-510.

Key Words: crypto, technique.

COH-88

Cohen F.
"Two Secure File Servers,"
Computers & Security, August
1988, pp. 409-414.

Key Words: network, methods,
case.

COO-89

Cooper, J.A.
Computer and Communications
Security: Strategies for the
1990s, McGraw-Hill, New
York, 1989

Key Words: book, techniques,
methods, general.

CRA-88

Cramer, R., B. Ridridge, and
E. Schallennmuller
"Design and Implementation of
a Secure Terminal Gateway,"
Proc. 4th Aerosp. Comp. Sec.
Conf., (5: IEE-88b), 1988, pp.
262-268.

Key Words: network, design,
case.

CSC-87

Trusted Network Interpretation of the Trusted Computer System Evaluation Criteria, NCSC-TG-005, Version 1, National Computer Security Center, Ft. Meade, MD, 31 July 1987.

Key Words: trusted, network, criteria, guidelines.

DAN-89

Danner, B.P.
"Initial Approach for a TRW Secure Communications Processor," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 197-214.

Key Words: design, policy, case, hardware.

DAV-80

Davida, G.I., R.A. DeMillo, and R.J. Lipton
"Protecting Shared Cryptographic Keys," Proc. 1980 IEEE Symp. on Sec. & Privacy, (5: IEE-80), pp. 100-102.

Key Words: crypto, keys, methods, management.

DAV-81

Davies, D.W.
Tutorial: The Security of Data in Networks, IEEE Computer Society Press, Los Angeles, CA, 1981.

Key Words: book, network, general, methods, techniques.

DAV-83

Davies, D.W.
"Applying the RSA Digital Signature to Electronic Mail," IEEE Computer, February 1983, pp. 55-62.

Key Words: RSA, crypto, methods, EM, authentication.

DAV-84

Davies, D.W., and W.L. Price
Security for Computer Networks, J. Wiley & Sons, New York, 1984.

Key Words: book, networks, general.

DAV-84a

Davio, M., et al.
"Efficient Hardware and Software Implementations for the DES," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 144-173.

Key Words: DES, crypto, hardware.

DAV-84b

Davies, D.W.
"A Message Authentication Algorithm Suitable for a Mainframe Computer," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 393-400.

Key Words: crypto, authentication, signatures, methods.

DAV-84c

Davies, D.W.
"The Use of Digital Signatures in Banks," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 13-21.

Key Words: crypto, authentication, signatures, methods.

DAV-85

Davies, D.W.
"Engineering Secure Information Systems," Proc. Eurocrypt '85, Linz, 1985, (9: PIC-86), pp. 191-199.

Key Words: design, methods.

DAV-88

Davida, G.I., and Y. Desmedt
"Passports and Visas Versus IDs," Proc. Eurocrypt '88, Davos, 1988 (9: GUN-89), pp. 183-188.

Key Words: authentication, crypto, methods.

DAV-89

Davis, R.
"Network Authentication Tokens," Proc. 5th Security Applicat. Conf., (5: IEE-89c), 1989, pp. 234-238.

Key Words: authentication, methods.

DAV-89a

Davies, D.W., and W. L. Price
Security for Computer Networks, 2nd Edition, J. Wiley & Sons, New York, 1989

Key Words: book, network, crypto, techniques, general.

DAV-89b

Davids, R.
"Australian EFTPOS Security Standards," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 357-365.

Key Words: standards, case.

DEL-89

Del Re, E., R. Fantacci, and D. Maffucci
"A New Speech Signal Scrambling Method for Secure Communications," IEEE Journal on Selected Areas Communication, May 1989, pp. 474-480.

Key Words: methods, techniques.

DEN-80

Denning, D.E., and F.B. Schneider
"The Master Key Problem," Proc. 1980 IEEE Symp. on Security & Privacy, (5: IEE-80), pp. 103-107.

Key Words: crypto, keys, management.

- DEN-83
Denning, D.E.
"Protecting Public Keys and Signatures," IEEE Computer, February 1983, pp. 27-35.
- Key Words: crypto, keys, methods.
- DES-83
Desmedt, Y., J. P. Vandewalle, and R.J.M. Govaerts,
"Does Public-Key Cryptography Provide a Practical and Secure Protection of Data Storage and Transmission?," Proc., Internat. Carnahan Conf. on Sec. Technology, 1983, pp. 133-139.
- Key Words: threats, crypto, methods.
- DIF-85
Diffie, W.
"Security for the DoD Transmission Control Protocol," Proc. Eurocrypt '85, Linz, Austria, 1985, (9: PIC-86), pp. 108-127.
- Key Words: network, protocols, case.
- DOD-85
Proceedings, DoD Computer Security Center Invitational Workshop on Network Security, Ft. Meade, MD, March 1985.
- Key Words: proceedings, network.
- DOL-82
Dolev, D., and A. Wigderson
"On the Security of Multi-Party Protocols in Distributed Systems," Proc. Crypto-82, Santa Barbara, CA, 1982, (9: CHA-83b), pp. 167-175.
- Key Words: distributed, protocols.
- DON-84
Donaldson, A.
"A Multilevel Secure Local Area Network," Proc. 7th Seminar, DoD Comp. Sec. Progr., (5: DOD-84), 1984, pp. 341-350.
- Key Words: MLS, LAN, design, case.
- DON-88
Donaldson, A.L., J. McHugh, and K.A. Nyberg
"Covert Channels in Trusted LANs," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 226-232.
- Key Words: trusted, LAN, threats.
- DUF-86
Duffy, K.J., and J. Sullivan
"Integrity Lock Prototype," Proc. IFIP/Sec. '86, Monte Carlo, 1986, (2: GRI-89).
- Key Words: techniques, design, case.
- EGG-88
Eggers, K.W., and P.W. Mallett
"Characterizing Network Covert Storage Channels," Proc. 4th Aerosp. Comp. Sec. Conf., (4: IEE-88b), 1988, pp. 275-279.
- Key Words: network, threat, models.
- ERD-86
Erdem, H.
"Host Cryptographic Operations: A Software Implementation," Computers & Security, December 1986, pp. 344-346.
- Key Words: crypto, design.
- EST-85
Estrin, D.
"Non-Discretionary Controls for Inter-Organization Networks," Proc. 1985 IEEE Symp. on Sec. & Privacy, (5: IEE-85), pp. 56-61.
- Key Words: networks, control, methods.
- EST-87
Estrin, D., and G. Tsudik
"Visa Scheme for Inter-Organization Network Security," Proc. 1987 IEEE Symp. on Sec. & Privacy, (5: IEE-87a), pp. 174-183.
- Key Words: network, methods, case.
- EST-89
Estrin, D., J. Mogul, and G. Tsudik
"Visa Protocols for Controlling Interorganizational Datagram Flow," IEEE Journal. on Selected Areas Communication, May 1989, pp. 486-498.
- Key Words: network, protocols, control, methods.
- FAI-84
Fairfield, R.C., A. Matusevich, and J. Planey
"An LSI Digital Encryption Processor (DEP)," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 115-143.
- Key Words: crypto, hardware, case.
- FAK-86
Fak, V.
"How to Choose Good Cryptographic Protection," Proc. IFIP/Sec. '86, Monte Carlo, 1986, (2: GRI-89).
- Key Words: crypto, guidelines.
- FAK-87
Fak, V.
"Crypto Management Made Manageable: Demands on Crypto Equipment Design," Computers & Security, February 1987, pp. 36-40.
- Key Words: crypto, design.

FAM-83

Fam, B.W., and J.K. Millen
"The Channel Assignment
Problem," Proc. 1983 IEEE
Symp. on Sec. & Privacy, (5:
IEE-83a), pp. 107-112.

Key Words: model, methods.

FAU-86

Faurer, L.
"Security Issues in Open
System Context," Computer
Security Journal, Vol. 4, No.
1, 1986, pp. 55-62.

Key Words: OSI, design,
methods.

FEL-89

Feldmeier, D.C., and
P.R. Karn
"Cracking Passwords for Fun
and Profit," Proc. Crypto '89,
Santa Barbara, CA, (8: BRA-
90), 1989.

Key Words: threats, control.

FEN-85

Fenna, E.
"Data Encryption Protocols
for Electronic Mail," ACM
Sec., Audit & Control Rev.,
Winter 1985, pp. 43-47.

Key Words: EM, crypto,
protocols.

FER-87

Fernandez, C., et al.
"Automating the Computation
of Authenticators for
Interbank Telex Messages,"
Computers & Security,
October 1987, pp. 396-402.

Key Words: authentication,
case.

FIA-89

Fiat, A.
"Batch RSA," Proc. Crypto
'89, Santa Barbara, CA, (8:
BRA-90), 1989.

Key Words: RSA, design,
case.

FIC-84

Fick, G.P.
"Implementation Issues for
Master Key Distribution and
Protected Keyload
Procedures," Proc. IFIP/Sec.
'84, Toronto, 1984, (2: FIN-
85), pp. 571-580.

Key Words: crypto, keys,
design.

FID-85

Fidlow, D.
"A Comprehensive Approach
to Network Security," Data
Communication, April 1985,
pp. 195-213.

Key Words: networks,
general.

FIS-84

Fisher, W.W.
"Cryptography for Computer
Security: Making the
Decision," Computers &
Security, October 1984, pp.
229-233.

Key Words: crypto, design.

FIT-80

Fitzgerald, J.
"Data Communications
Control Matrix," Assets
Protection, Sept./Oct. 1980,
pp.24-31.

Key Words: control, methods.

FIT-89

Fitzgerald, K.
"The Quest for Intruder-Proof
Computer Systems," IEEE
Spectrum, August 1989, pp.
22-26.

Key Words: threats, methods.

FRI-88

Friedberg, A.H., et al.
"Reliance on Optical Fibres to
Increase Telecommunications
Security," Information Age,
(U.K.) April 1988, pp. 73-78.

Key Words: physical,
methods.

GAI-80

Gait, J.
Maintenance Testing for the
Data Encryption Standard, SP
500-61, National Bureau of
Standards, Gaithersburg, MD,
August 1980.

Key Words: DES,
management.

GAL-87

Galil, Z., S. Haber, and
M. Yung
"Cryptographic Computation:
Secure Fault-Tolerant Protocols
and the Public-Key Model,"
Proc. Crypto '87, Santa
Barbara, CA, 1987, (8: POM-
88), pp. 135-155.

Key Words: crypto, protocols.

GAS-82

Gasser, M., and D.P. Sindhu
"A Multilevel Secure Local
Area Network," Proc. 1982
IEEE Symp. on Sec. &
Privacy, (5: IEE-82), pp. 137-
143.

Key Words: MLS, LAN,
design.

GIR-87

Girling, C.G.
"Covert Channels in LANs,"
IEEE Trans. on Software
Engr., February 1987, pp. 292-
296.

Key Words: LAN, threats.

GOY-88

Goyal, P.K., and
E.B. Fernandez
"Encryption Using Random
Keys: A Scheme for Secure
Communication," Proc. 4th
Aerosp. Comp. Sec. Conf., (4:
IEE-88b), 1988, pp. 410-412.

Key Words: crypto, techniques.

GRA-87

Grant, L.
"DES Key Crunching for
Safer Cipher Keys," ACM
Sec., Audit & Control Rev.,
Spring 1987, pp. 9-16.

Key Words: DES, keys,
techniques.

GRA-88

Graham, I., and S. Wieten
"The PC as a Secure
Network Workstation," Proc.
IFIP/Sec. '88, Australia,
1989, (2: CAE-89), pp. 425-
437.

Key Words: PC, methods,
case.

GRE-85

Greenlee, M.B.
"Requirements for Key
Management Protocols in the
Wholesale Financial Services
Industry," IEEE
Communications Magazine,
September 1985, pp. 22-28.

Key Words: requirements,
crypto, keys, management,
case.

GRI-89

Grimm, P.
"Security on Networks: Do
We Really Need It?," Comp.
Networks and ISDN Systems,
October 1989, pp. 315.

Key Words: requirements,
networks.

GRO-82

Grossman, G.
"A Practical Executive for
Secure Communications,"
Proc. 1982 IEEE Symp. on
Sec. & Privacy, (5: IEE-82),
pp. 144-155.

Key Words: OS, networks,
case.

GSA-82

Telecommunications: General
Security Requirements for
Equipment Using the Data
Encryption Standard, Federal
Standard 1027, U.S. General
Services Administration
Washington, DC, April 1982.

Key Words: DES, crypto,
standards.

GSA-83

Telecommunications:
Interoperability and Security
Requirements for Use of the
Data Encryption Standard in
the Physical and Data Link
Layers of Data
Communication, Federal
Standard 1026, U.S. General
Services Administration
Washington, DC, January
1983.

Key Words: DES, crypto,
standards.

GSA-85

Interoperability and Security
Requirements for Using the
Data Encryption Standard with
CCITT Group 3 Facsimile
Equipment, Federal Standard
1027, U.S. General Services
Administration Washington,
DC, April 1985.

Key Words: DES, crypto,
standards.

GUI-82

Guillou, L.C., and B. Lorig
"Cryptography and
Teleinformatics," Computers
& Security, January 1982, pp.
27-33.

Key Words: crypto, general.

GUI-86

Guillou, L.C.
"Smart Card -- A Highly
Reliable and Portable Security
Device," Proc. Crypto '86,
Santa Barbara, CA, 1986, (8:
ODL-87), pp. 464-487.

Key Words: authentication,

GUI-88

Guinier, D.
"DSPP: A Data Security Pipe
Protocol for PCs, Large Scale
Systems, or Networks," ACM
Sec., Audit & Control Rev.,
Fall 1988, pp. 4-9.

Key Words: PC, network,
protocol.

GUI-88a

Guinier, D.
"SPKS: Sharing Partial Key
System," ACM Sec., Audit &
Control Rev., Fall 1988, pp.
10-13.

Key Words: crypto, key, case.

HAR-89

Harn, L. and T. Keisler
"Authenticated Group Key
Distribution Scheme for a
Large Network," Proc. 1989
IEEE Symp. on Sec. & Privacy,
(5: IEE-89b), pp. 300-309.

Key Words: crypto, keys,
methods.

HAR-89a

Harn, L., Y. Chien, and
T. Keisler
"An Extended Cryptographic
Key Generation Scheme for
Multilevel Data Security,"
Proc. 5th Security Applicat.
Conf., (4: IEE-89c), 1989, pp.
254-262.

Key Words: crypto, keys,
methods.

HAS-85

Hastad, J.
"On Using RSA with Low
Exponent in a Public Key
Network," Proc. Crypto '85,
Santa Barbara, CA, 1985, (8:
WIL-86), pp. 403-408.

Key Words: RSA, crypto,
design.

- HER-85
Herzberger, A., and S.S. Pinter
"Public Protection of Software," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 159-179.
- Key Words: crypto, methods, software.
- HER-87
Herlihy, M.P., and J.D. Tygar
"How to Make Replicated Data Secure," Proc. Crypto '87, Santa Barbara, CA, 1987, (9: POM-88), pp. 379-391.
- Key Words: crypto, methods.
- HER-88
Herbison, B.J.
"Security on an Ethernet," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 219-225.
- Key Words: LAN, methods, case.
- HIG-88
Highland, H.J.
"How Secure Are Fiber Optics Communications," Computers & Security, February 1988, pp. 25-26.
- Key Words: threats, hardware, techniques.
- HIG-88a
Highland, H.J.
"Secret Disk II -- Transparent Automatic Encryption," Computers & Security, February 1988, pp. 27-34.
- Key Words: PC, crypto, methods.
- HIN-83
Hinke, T., J. Althouse, and R.A. Kemmerer
"SDC Secure Release Terminal Project," Proc. 1983 IEEE Symp. on Sec. & Privacy, (5: IEE-83a), pp. 113-119.
- Key Words: hardware, design, case.
- HOO-84
Hoomaert, F., et al.
"Efficient Hardware Implementation of the DES," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 147-173.
- Key Words: DES, crypto, hardware.
- HOO-88
Hoomaert, F., et al.
"Fast RSA-Hardware: Dream or Reality," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 455-467.
- Key Words: RSA, crypto, hardware.
- HOU-89
Housley, R.
"Authentication, Confidentiality, and Integrity Extensions to the XNS Protocol Suite," ACM Sec., Audit & Control Rev., Fall 1989, pp. 17-24.
- Key Words: authentication, case, methods, protocols.
- HUM-80
Humphrey, T., and F.L. Toth
"Two-Chip Data Encryption Unit Supports Multi-Key Systems," Electronics, January 17, 1980, pp. 136-139.
- Key Words: crypto, hardware.
- ING-83
Ingemarsson, I.
"A Comparison Between Public-Key and Conventional Encryption Methods," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 229-232.
- Key Words: crypto, techniques.
- ING-84
Ingemarsson, I.
"Encryption for Data Protection," Information Resource Management, (UK), March 1984, pp. 29-32.
- Key Words: crypto, general.
- JAC-89
Jacobs, J. and T. Kibalo
"Secure Data Network System Support Using Embedded Cryptography," Proc., 2nd Annual AFCEA Intelligence Symposium, September 1987.
- Key Words: crypto, methods.
- JAM-88
Jamieson, R., and G. Low
"A Framework for the Security, Control and Audit of a Local Area Network Operations," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 439-469.
- Key Words: LAN, auditing, case.
- JAM-89
Jamieson, R., and G. Low
"Security and Control Issues in Local Area Network Design," Computers & Security, June 1989, pp. 305-316.
- Key Words: LAN, design, control.
- JAN-86
Jansen, C.J.A.
"On the Key Storage Requirements for Secure Terminals," Computers & Security, June 1986, pp. 145-149.
- Key Words: PC, crypto, keys.
- JAY-82
Jayant, N.S.
"Analog Scramblers for Speech Privacy," Computers & Security, November 1982, pp. 275-289.
- Key Words: methods, hardware.
- JEN-87
Jeng, A.B., and M.D. Abrams
"On Network Covert Channel Analysis," AIIA No. 87-3081, Proc. 3d Aerosp. Comp. Sec. Conf., (5: IEE-87b), 1987, pp. 95-103.
- Key Words: threats, network.

- JOH-87
Johnson, H.L., and J.D. Layne
"A Mission-Critical Approach to Network Security," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 15-24.

Key Words: requirements, network.
- JOH-87a
Johnson, R.J.
"Key Updating Flags in EFT-POS Security Systems," Computers & Security, June 1987, pp. 245-251.

Key Words: crypto, keys, case.
- JON-84
Jones, R.W.
"User Functions for the Generation and Distribution of Encipherment Keys," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 317-334.

Key Words: crypto, keys, methods.
- JON-89
Jonckheer, K., and M. Scarbrough
"Security of Data Transmitted Via Telephone, Fibre Optics, and Microwaves," Information Age, (U.K.), March 1989, pp. 99-105.

Key Words: physical, techniques.
- JUE-85
Jueneman, R.R., C.H. Meyer, and S.M. Matyas
"Message Authentication," IEEE Communications Magazine, September 1985, pp. 29-40.

Key Words: authentication, methods.
- JUN-87
Jung, A.
"Implementing the RSA Cryptosystem," Computers & Security, August 1987, pp. 342-350.

Key Words: RSA, crypto, methods.
- KAK-83
Kak, S.C.
"Data Security in Computer Networks," IEEE Computer, February 1983, pp. 8-10.

Key Words: network, general.
- KAR-86
Karger, P.A.
"Authentication and Access Control in Computer Networks," Computers & Security, December 1986, pp. 314-324.

Key Words: network, control.
- KAR-88
Karp, B.C., L.C. Baker, and L.D. Nelson
"The Secure Data Network," AT&T Technical Journal, May/June 1988.

Key Words: network, general.
- KAT-88
Katzner, M.A.
"Secured Communications for PC Workstations," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 233-237.

Key Words: PC, methods, design.
- KEM-87
Kemmerer, R.A.
"Using Formal Verification Techniques To Analyze Encryption Protocols" Proc. 1987 IEEE Symp. Sec. & Privacy, (5:IEEE-87a), pp. 134-139.

Key Words: verification, crypto, protocols, techniques.
- KEM-87a
Kemmerer, R.A.
"Analyzing Encryption Protocols Using Formal Verification Techniques," Proc. Crypto '87, Santa Barbara, CA, 1987, (9: POM-88), pp. 289-305.

Key Words: verification, crypto, protocols, techniques.
- KEM-89
Kemmerer, R.A.
"Analyzing Encryption Protocols Using Formal Verification Techniques," IEEE Journal on Selected Areas in Communication, May 1989, pp. 448-457.

Key Words: verification, crypto, protocols, techniques.
- KEN-81
Kent, S.T.
"Security Requirements and Protocols for Broadcast Scenario," IEEE Trans. on Communications, June 1981, pp. 778-786.

Key Words: requirements, network, protocols.
- KEN-89
Kent, S.T.
"Comments on Security Problems in the TCP/IP Protocol Suite," ACM Computer Communications Review, July 1989, pp. 10-19.

Key Words: threats, protocols.
- KHA-89
Khashnabish, B.
"A Bound of Deception Capability in Multiuser Computer Networks," IEEE J. on Selected Areas Comm., May 1989, pp. 4590-594.

Key Words: threats, network.

- KIL-88**
 Kilpatrick, K.E.
 "Standards for Network Security," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 201-211.
- Key Words: network, standards.
- KIN-89**
 King, G.
 "A Survey of Commercially Available Secure LAN Products," Proc. 5th Security Applicat. Conf., (5: IEEE-89c), 1989, pp. 239-247.
- Key Words: LAN, hardware, software.
- KNA-88**
 Knapskog, S.J.
 "Privacy Protected Payments -- Realization of a Protocol that Guarantees Payer Anonymity," Proc. Eurocrypt '88, Davos, 1988 (8: GUN-89), pp. 107-122.
- Key Words: protocols, case.
- KNO-88**
 Knobloch, H.-J.
 "A Smart Card Implementation of the Fiat-Shamir Identification Scheme," Proc. Eurocrypt '88, Davos, 1988 (8: GUN-89), pp. 87-95.
- Key Words: authentication, case.
- KNO-88a**
 Knowles, T.
 "Security, OSI and Distributed Systems," Information Age (U.K.), April 1988, pp. 79-84.
- Key Words: OSI, network, methods.
- KOC-85**
 Kochanski, M.
 "Developing an RSA Chip," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 350-357.
- Key Words: RSA, crypto, hardware.
- KOC-87**
 Kochanski, M.,
 "A Survey of Data Insecurity Packages," Cryptologia, January 1987, pp. 1-15.
- Key Words: crypto, software, case.
- KOC-88**
 Kochanski, M.
 "Another Data Insecurity Package," Cryptologia, July 1988, pp. 165-173.
- Key Words: crypto, software, case.
- KOH-89**
 Kohl, J.T.
 "Cryptographic Protocols in Cerberus," Proc. Crypto '89, Santa Barbara, CA, (8: BRA-90), 1989.
- Key Words: crypto, protocols, case.
- KRA-84**
 Krauss, L.
 "Data Encryption in ISO, the International Standards Organization," Computers & Security, October 1984, pp. 234-236.
- Key Words: crypto, standards, case.
- KRI-85**
 Krivachy, T.
 "The Ciphcard -- an Identification Card with Cryptographic Protection," Proc. Eurocrypt '85, Linz, 1985, (8: PIC-86), pp. 200-207.
- Key Words: crypto, control, case.
- KRU-89**
 Kruys, J.P.
 "Security in Open Systems," Computers & Security, April 1989, pp. 139-147.
- Key Words: OSI, network, general.
- LAM-88**
 Lambert, P.A.
 "Architectural Model of the SDNS Key Management Protocol," Proc. 11th Natl. Comp. Sec. Conf., (5: NCS-88), 1988, pp. 126-128.
- Key Words: crypto, protocol, keys.
- LEM-86**
 Lemire, J.R.
 "A New Key Management Approach for Open Communication Environments," Proc. IFIP/Sec. '86, Monte Carlo, 1986, (2: GRI-89).
- Key Words: crypto, keys, management.
- LER-84**
 Le Roux, Y.
 "Controlling Access to Computer Networks," Information Resource Management, (UK), March 1984, 26-28.
- Key Words: control, network.
- LIN-83**
 Linden, C.
 "The Transaction-Seal -- The New Corner-Stone in Secured Terminal Systems," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 223-227.
- Key Words: authentication.
- LIN-87**
 Linn, J.
 "SDNS Products in the Type II Environment," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 162-164.
- Key Words: network, techniques.

LIN-88

Linn, J.
"COMSEC Integration
Alternatives," Proc. 11th
Natl. Comp. Sec. Conf., (5:
NCS-88), 1988, pp. 122-125.

Key Words: methods,
techniques.

LIN-89

Linn, J. and S.T. Kent
"Privacy for DARPA-Internet
Mail," Proc. 12th Natl.
Comp. Sec. Conf., (5: NCS-
89), 1989, pp. 215-229.

Key Words: EM, network,
methods.

LIP-88

Lipper, E.H., et al.
"A Multilevel Secure
Message Switch with
Minimal TCB: Architectural
Outline and Security
Analysis," Proc. 4th Aerosp.
Comp. Sec. Conf., (5: IEE-
88b), 1988, pp. 242-249.

Key Words: MLS, methods,
design.

LOC-87

Loscocco, P.
"A Security Model and
Policy for a MLS LAN,"
Proc. 10th Natl. Comp. Sec.
Conf., (5: NCS-87a), 1987,
pp. 25-37.

Key Words: MLS, LAN,
models.

LOM-89

Lomas, T., et al.
"Reducing Risks from Poorly
Chosen Keys," ACM
Operating System Review,
Vol. 23, No. 5, 1989, pp. 14-
18.

Key Words: threats, methods,
keys.

LON-83

Longo, G. (Ed.)
Secure Digital Systems,
Springer-Verlag, Wien, 1983.

Key Words: book, general,
methods.

LON-86

Longley, D., and S. Rigby
"Use of Expert Systems in the
Analysis of Key Management
Systems," Proc. IFIP/Sec. '86,
Monte Carlo, 1986, (2: GRI-
89).

Key Words: crypto, keys,
methods.

LON-87

Longley, D.
"Expert Systems Applied to
the Analysis of Key
Management Schemes,"
Computers & Security,
February 1987, pp. 54-67.

Key Words: crypto, keys,
methods.

LOS-89

Loscocco, P.
"A Dynamic Network
Labeling Scheme for a MLS
LAN," Proc. 12th Natl. Comp.
Sec. Conf., (5: NCS-89),
1989, pp. 277-285.

Key Words: MLS, LAN,
methods.

LUB-89

Luby, M., and C. Rackoff
"A Study of Password
Security," Journal of
Cryptology, Vol. 1, No. 3,
1989, pp. 151-158.

Key Words: control, methods.

MAC-81

MacMillan, D.
"Single Chip Encrypts Data at
14 MB/S," Electronics, June
16, 1981, pp. 161-166.

Key Words: DES, hardware.

MAC-83

MacKinnon, S., and S.G. Akl
"New Key Generation
Algorithms for Multilevel
Security," Proc. 1983 IEEE
Symp. Sec. & Privacy,
(5:IEE-83a), pp. 72-78.

Key Words: MLS, crypto,
keys.

MAC-84

MacEwen, G.H., et al.
"Multi-Level Security Based
on Physical Distribution" Proc.
1984 IEEE Symp. Sec. &
Privacy, (5:IEE-84), pp. 167-
179.

Key Words: MLS, physical,
methods.

MAR-89

Marino, J. and P. Lambert
"An INFOSEC Platform,"
Proc. 12th Natl. Comp. Sec.
Conf., (5: NCS-89), 1989, pp.
571-578.

Key Words: hardware, case.

MAR-89a

Marella, A., Jr.
"Telecommunications: A
Control Strategy," EDPACS,
May 1989, pp. 1-5.

Key Words: control, methods.

MAS-84

Masrani, R., and T.P. Keenan
"Security and Privacy in
Cellular Telephone System,"
Proc. IFIP/Sec. '84, Toronto,
1984, (2: FIN-85), pp. 457-
470.

Key Words: methods, case.

MAS-86

Massey, J.L.
"Cryptography--A Selective
Survey," Digital
Communications, January
1986, pp. 3-21.

Key Words: crypto, general.

MAT-87

Matsumoto, T., and H. Imai
"On the Key Predistribution
System: A Practical Solution
to the Key Distribution
Problem," Proc. Crypto '87,
Santa Barbara, CA, 1987, (8:
POM-88), pp. 185-193.

Key Words: crypto, keys,
methods.

MAT-87a

Matias, Y., and A. Shamir
"A Video Scrambling
Technique Based On Space
Filling Curves," Proc. Crypto
'87, Santa Barbara, CA,
1987, (8: POM-88), pp. 398-
417.

Key Words: techniques,
physical.

MAY-89

Mayer, F. et al.
"Evaluation Issues for an
Integrated 'INFOSEC'
Product," Proc. 5th Security
Applicat. Conf., (4: IEE-89c),
1989, pp. 271-275.

Key Words: methods, case.

MCC-89

McCullough, D.
"Security Analysis of a
Token Ring Using Ulysses,"
Proc. COMPASS '89: Comp.
Assurance, (2: IEE-89), 1989,
pp. 113-118.

Key Words: LAN, threat,
methods.

MEA-89

Meadows, C.
"Using Narrowing in the
Analysis of Key Management
Protocols," Proc. 1989 IEEE
Symp. Sec. & Privacy,
(5:IEE-89b), pp. 138-147.

Key Words: crypto,
protocols, keys.

MEN-83

Menkus, B.
"Long-Haul Data Security:
Whose Responsibility Is It
Today?," Data
Communications, March
1983, pp. 137+

Key Words: network,
management.

MER-81

Merkle, R.C., and
M.E. Hellman
"On the Security of Multiple
Encryption," Communications
of the ACM, July 1981, pp.
465-467.

Key Words: crypto, methods.

MER-82

Merritt, M.
"Key Reconstruction," Proc.
Crypto-82, Santa Barbara, CA,
1982, (8: CHA-83b), pp. 321-
375.

Key Words: crypto, keys,
methods.

MEY-81

Meyer, C.H., S.M. Matyas,
and R.E. Lennon
"Required Cryptographic
Authentication Criteria for
Electronic Funds Transfer
Systems," Proc. 1981 IEEE
Symp. on Sec. & Privacy, (5:
IEE-81), pp. 89-98.

Key Words: crypto,
authentication.

MIG-89

Migues, S., and R. Housely
"Designin a Trusted Client-
Server Distributed Network,"
Proc. 5th Sec. Applicat. Conf.,
(5: IEE-89c), 1989, pp. 91-94.

Key Words: trusted, network.

MIL-81

Miller, J.S., and
R.G. Resnick
"Military Message Systems:
Applying a Security Model,"
Proc. 1981 IEEE Symp. Sec.
& Privacy, (5:IEE-81), pp.
101-111.

Key Words: EM, models,
methods.

MIL-84

Millen, J.K.
"The Interrogator: A Tool for
Cryptographic Protocol
Security," Proc. 1984 IEEE
Symp. Sec. & Privacy, (5:IEE-
84), pp. 134-141.

Key Words: crypto, protocols.

MIL-87

Millen, J.K., S.C. Clark, and
S.B. Freedman
"The Interrogator: Protocol
Security Analysis," IEEE
Trans. of Software Engr.,
February 1987, pp. 274-288.

Key Words: protocol, design.

MIL-87a

Millen, J.K.
"Interconnection of Accredited
Systems," Proc. 3d Aerosp.
Comp. Sec. Conf., (5:IEE-87b),
1987, pp. 60-65.

Key Words: network, design.

MIL-88

Millen, J.K., and
M.W. Schwartz
"The Cascading Problem for
Interconnected Networks,"
Proc. 4th Aerosp. Comp. Sec.
Conf., (4: IEE-88b), 1988, pp.
269-274.

Key Words: network, design.

MIT-87

Mitchell, C., and F. Piper
"The Cost of Reducing Key-
Storage Requirements in
Secure Networks," Computers
& Security, August 1987, pp.
339-341.

Key Words: crypto, keys,
network.

MIT-88

Mitchell, C., and M. Walker
"Solutions to the
Multidestinational Secure
Electronic Mail Problem,"
Computers & Security, October
1988, pp. 483-488.

Key Words: EM, design,
methods.

- MIT-89
Mitchell, C., D. Rush,
and M. Walker
"A Remark on Hash
Functions for Message
Authentication," Computers &
Security, February 1989, pp.
55-58.
- Key Words: EM,
authentication.
- MIT-89a
Mitchell, C., M. Walker,
and D. Rush
"CCITT/ISO Standards for
Secure Message Handling,"
IEEE J. on Selected Areas
Comm., May 1989, pp. 517-
524.
- Key Words: EM, standards,
case.
- MOO-88
Moore, J.H.
"Protocol Failures in Crypto-
systems," Proceedings of the
IEEE, May 1988, pp. 594-
602.
- Key Words: crypto,
protocols.
- MOO-88a
Moore, A.
"Investigating Formal
Specification and Verification
for COMSEC Software
Security," Proc. 11th Natl.
Comp. Sec. Conf., (5: NCS-
88), 1988, pp. 129-138.
- Key Words: verification,
software.
- MOU-83
Moulton, R.T.
"Network Security,"
Datamation, July 1983, pp.
121+
- Key Words: network, general.
- MUE-82
Mueller-Schloer, C., and
N.R. Wagner
"Cryptographic Protection of
Personal Data Cards," Proc.
Crypto-82, Santa Barbara, CA,
1982, (8: CHA-83b), pp. 219-
229.
- Key Words: crypto, methods.
- MUF-88
Muftic, S., et al.
Security Mechanisms for
Computer Networks, Ellis-
Horwood, Chichester, U.K.,
1988.
- Key Words: book, network,
methods.
- MUF-89
Muftic, S.
Security Mechanisms for
Computer Networks, J. Wiley
& Sons, Somerset, NJ, 1989.
- Key Words: book, network,
methods.
- MUF-89a
Muftic, S.
"Extended OSI Security
Architecture," Computer
Networks and ISDN Systems,
September 1989, pp. 223-227.
- Key Words: OSI, network,
methods.
- MUL-83
Muller-Schoer, C.
"A Microprocessor-Based
Cryptoprocessor," IEEE
Micro, October 1983, pp. 5-
15.
- Key Words: PC, crypto,
hardware.
- MUN-87
Mundy, G.R., and
R.W. Shirey
"Defense Data Network
Security Architecture,"
Proceedings, MILCOM '87,
October 1987.
- Key Words: network, design,
case.
- MUR-87
Good Security Practices for
Information Networks, G320-
9279-2, IBM Corporation,
White Plains, NY, 1987.
- Key Words: network, methods
guidelines.
- NAK-89
Nakao, K., and K. Suzuki
"Proposal on a Secure
Communications Service
Element (SCSE) in the OSI
Application Layer," IEEE
Journal on Selected Areas
Communication, May 1989,
pp. 505-516.
- Key Words: OSI, network,
methods.
- NBS-80
Guidelines on the User
Authentication for Computer
Network Access Control, FIPS
PUB 83, National Bureau of
Standards, Gaithersburg, MD,
September 1980.
- Key Words: guidelines,
network.
- NBS-80a
DES Modes of Operation,
FIPS PUB 81, National Bureau
of Standards, Gaithersburg,
MD, September 1980.
- Key Words: DES, methods.
- NBS-81
Guidelines for Implementing
and Using the NBS Data
Encryption Standard, FIPS-
PUB 74, National Bureau of
Standards, Gaithersburg, MD,
April 1981.
- Key Words: DES, guidelines.
- NCS-87
Trusted Network Interpretation
of the Trusted Computer
System Evaluation Criteria,
NCSC-TG-005, Natl. Computer
Security Center, Ft. Meade,
MD, July 1987.
- Key Words: trusted, network,
criteria, guidelines.

NEL-87

Nelson, R.
"SDNS Services and Architecture," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 153-157.

Key Words: network, methods, case.

NEL-89

Nelson, R.
"SDNS Architecture and End-to-End Encryption," Proc. Crypto '89, Santa Barbara, CA, (8: BRA-90), 1989.

Key Words: crypto, network.

NES-83

Nesset, D.M.
"A Systematic Methodology for Analyzing Security Threats to Interprocessor Communications in a Distributed System," IEEE Trans. on Communications, September 1983.

Key Words: threats, network.

NES-84

Nestman, C.H., J. Windsor, and M.C. Hinson
"Tutorial on Telecommunications and Security," Computers & Security, October 1984, pp. 215-224.

Key Words: techniques, general.

NES-87

Nesset, D.M.
"Factors Affecting Distributed System Security," IEEE Trans. on Software Engr., February 1987, pp. 233-248.

Key Words: design, network.

NES-89

Nesset, D.M.
"Layering Central Authentication on Existing Distributed System Terminal Services," Proc. 1989 IEEE Symp. Sec. & Privacy, (5:IEE-89b), pp. 290-299.

Key Words: authentication, design.

NES-89a

Nesset, D.M.
"Issues in Secure Distributed Operating System Design," Digest of Papers, IEEE Compcon '89, 1989, pp. 342-347.

Key Words: OS, methods, design.

NEW-86

Newman, D.B., and R.L. Pickholtz
"Cryptography in the Private Sector," IEEE Communications Magazine, August 1986, pp. 7-10.

Key Words: crypto, general.

NEW-87

Newman, D.B., Jr., J.K. Omura, and R.L. Pickholtz
"Public Key Management for Network Security," IEEE Networks Magazine, April 1987, pp. 11-16.

Key Words: crypto, keys, network.

NIE-89

Niemeyer, R.
"Applying the TNI to System Certification and Accreditation," Proc. 5th Security Applicat. Conf., (5: IEE-89c), 1989, pp. 248-252.

Key Words: network, criteria, case.

NYE-82

Nye, J.M.
"The Cryptographic Equipment Market: Trends and Issues," Assets Protection, Jan./Feb. 1982, pp. 21-24.

Key Words: crypto, hardware, case.

NYE-82a

Nye, J.M.
"Satellite Communications and Vulnerability," Computerworld, May 3, 1982, pp. ID7-ID13.

Key Words: vulnerabilities, case.

NYE-83

Nye, J.M.
"Network Security and Vulnerability," Proc. 1983 Natl. Computer Conf., AFIPS Press, Reston VA, May 1983, pp. 647-653.

Key Words: vulnerabilities.

OBE-83

Oberman, M.R.
"Some Security Aspects of a Computer Communications Network Environment," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 233-238.

Key Words: network, methods.

ODE-85

O'Dell, L.L.
"An Approach to Multi-Level Secure Networks, Revision 1," Proc. 8th Natl. Comp. Sec. Conf., (5: NCS-85), 1985, pp. 152-155.

Key Words: MLS, network, design.

OKA-89

Okamoto, E., and K. Tanaka
"Key Distribution System Based on Identification Information," IEEE Journal on Selected Areas Communication, May 1989, pp. 481-485.

Key Words: crypto, keys, design.

OMA-83

Omar, K.A., and D.L. Wells,
"Modified Architecture for
the Sub-Key Model," Proc.
1983 IEEE Symp. Sec. &
Privacy, (5:IEE-83a), pp. 79-
86.

Key Words: architecture,
keys.

ORT-86

Orton, G.A., et al.
"VLSI Implementation of
Public-Key Algorithms," Proc. Crypto '86, Santa
Barbara, CA, 1986, (8: ODL-
87), pp. 277-301.

Key Words: public-key,
hardware.

OZA-84

Ozarow, L.H., and
A.D. Wyner
"Wire-Tap Channel II," Proc.
Eurocrypt '84, Paris, 1984,
(8: BET-85), pp. 33-50.

Key Words: threats, methods.

PAI-86

Pailles, J.-C., and M. Girault
"The Security Processor
CRIPT," Proc. IFIP/Sec. '86,
Monte Carlo, 1986, (2: GRI-
89), pp. 127-139.

Key Words: techniques,
hardware.

PAR-87

Parker, T.A.
"Security in Open Systems:
A Report on the Standards
Work of ECMA's
TC32/TG9," Proc. 10th Natl.
Comp. Sec. Conf., (5: NCS-
87a), 1987, pp. 38-50.

Key Words: OSI, network,
standards.

PIE-85

Pieprzyk, J.P., and
D.A. Rutkowski
"Modular Design of
Information Encipherment for
Computer Systems," Computers & Security,
September 1985, pp. 211-218.

Key Words: crypto, design,
methods.

POL-84

Pollak, R.
"Micro-Mainframe
Communications Security in
Distributed Network
Environment," ACM Sec.,
Audit. & Control Rev.,
October 1984, pp. A1-A6.

Key Words: PC, network,
methods.

POW-85

Power, J.M., and S.R. Wilbur
"Authentication in an
Heterogenous Environment," Proc. IFIP/Sec. '85, Dublin,
1985, (2: GRI-85), pp. 117-
127.

Key Words: authentication.

POW-88

Powanda, E.J., and
J.W. Genovese
"Configuring a Trusted
System Using the TNI," Proc.
4th Aerosp. Comp. Sec.
Conf., (4: IEE-88b), 1988, pp.
256-261.

Key Words: trusted, network,
criteria.

PRE-87

Prestun, K.
"Integrating Cryptography in
ISDN," Proc. Crypto '87,
Santa Barbara, 1987, (8:
POM-88), pp. 9-18, 1988

Key Words: crypto, network.

PRE-89

Press, I.
"Software Dase Encryption for
Local Area Networks," Computer Networks and ISDN
Systems, September 1989, pp.
187-192.

Key Words: Local Area
Networks.

PRI-83

Price, W.L.
"Key Management for Data
Encipherment," Proc. IFIP/Sec.
'83, Stockholm, 1983, (2:
FAK-83), pp. 205-215.

Key Words:

RAM-89

Ramaswamy, R.
"A Scheme for Providing
Security Services on Transport
Layer in Open System
Interconnection Architectures," Proc. Internat. Conf. on Comp.
& Information, ICCI'89, May
1989.

Key Words: OSI, methods,
design.

RAM-89a

Ramaswamy, R.
"Placement of Data Integrity
Security Services in Open
Systems Interconnection
Architecture," Computers &
Security, October 1989, pp.
507-516.

Key Words: OSI, methods,
design.

RAM-89b

Ramaswamy, R.
"Security Architecture for Data
Transfer Through TCP/IP
Protocols," Computers &
Security, December 1989, pp.
709-719.

Key Words: network,
protocols, case.

- RAS-85
Rasmussen, O.S.
"Communications and Network Protection: Practical Experience," Proc. IFIP/Sec. '85, Dublin, 1985, (2: GRI-85), pp. 107-115.

Key Words: network, methods, case.
- RIH-83
Rihaczek, H., and L. Krause
"Data Encipherment Requirements Federal Republic of Germany," Information Age (UK), April 1983, pp. 91-96.

Key Words: requirements, crypto.
- RIH-87
Rihaczek, K.
"TeleTrusT-OSIS and Communication Security," Computers & Security, June 1987, pp. 206-218.

Key Words: OSI, methods, case.
- RIV-80
Rivest, R.L.
"A Description of Single-Chip Implementation of RSA Cipher," Lambda, Fourth Quarter, 1980, pp. 14-18.

Key Words: RSA, crypto, hardware.
- RIV-84
Rivest, R.L.
"RSA Chips (Past/Present/Future)," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 159-165.

Key Words: ESA, crypto, hardware.
- ROG-87
Rogers, H.L.
"An Overview of the Caneware Program," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 172-174.

Key Words: crypto, design, case.
- RUT-86
Rutledge, L.S., and L.J. Hoffman
"A Survey of Issues in Computer Network Security," Computers & Security, December 1986, pp. 296-308.

Key Words: network, general.
- SAT-88
Satya, V.
"Secure Computer Network Requirements," Information Age (U.K.), October 1988, pp. 211-222.

Key Words: requirements, network.
- SCA-87
Schaumuller-Bici, I.
"IC-Cards in High-Security Applications," Proc. Eurocrypt '87, Amsterdam, 1987, (8: CHA-88a), pp. 177-189.

Key Words: crypto, hardware.
- SCH-80
Scharf, J.D., C.V. Wallentine, and P.S. Fisher
"Department of Defense Network Security Considerations," in Rullo, T.A. (Ed.), Advances in Computer Sec. Management, Vol. 1, Heyden, Philadelphia, PA, 1980, pp. 202-230.

Key Words: network, design, case.
- SCH-82
Schanning, B.P.
"Applying Public Key Distribution to Local Area Networks," Computers & Security, November 1982, pp. 268-274.

Key Words: LAN, crypto, keys.
- SCH-82a
Schwartz, M.
"Making Sense of DES," Computerworld, June 7, 1982, pp. ID15-ID34.

Key Words: DES, crypto, general.
- SCH-82b
Schwartz, M.
"DES: Putting It to Work," Computerworld, June 21, 1982, pp. ID1-ID16.

Key Words: DES, crypto, methods.
- SCH-84
Schaumueller-Bichl, I., and E. Piller
"A Method of Software Protection Based on the Use of Smart Cards and Cryptographic Techniques," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 446-454.

Key Words: crypto, software, methods, techniques.
- SCH-85
Schaefer, M., and D.E. Bell
"Network Security Assurance," Proc. 8th Natl. Comp. Sec. Conf., (5: NCS-85), 1985, pp. 64-69.

Key Words: verification, network.
- SCH-85a
Schnackenberg, D.D.
"Development of a Multilevel Secure Local Area Network," Proc. 8th Natl. Comp. Sec. Conf., (5: NCS-85), 1985, pp. 97-104.

Key Words: MLS, LAN, design, case.
- SCH-87
Schnackenberg, D.
"Applying the Orange Book to an MLS LAN," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 51-55.

Key Words: MLS, LAN, criteria.
- SCH-87a
Schweitzer, J.A.
"Securing Information on a Network of Computers," EDPACS, July 1987, pp. 1-8.

Key Words: network, methods.

SCH-87b

Schockley, W.R., R.R. Schell, and M.F. Thompson
"A Network of Trusted Systems," AIAA No. 87-3100, Proc. 3d Aerosp. Comp. Sec. Conf., (5:IEE-87b), 1987, pp. 140-142.

Key Words: network, trusted, case.

SCH-89

Schnorr, C.P.
"Efficient Identification and Signatures for Smart Cards," Proc. Crypto '89, Santa Barbara, CA, (8: BRA-90), 1989.

Key Words: authentication, case.

SCO-85

Scott, R.
"Wide-Open Encryption Design Offers Flexible Implementations," Cryptologia, January 1985, pp. 75-90.

Key Words: encryption, design.

SEA-85

Seaman, J.
"Halting Network Intruders," Computer Decisions, January 29, 1985, pp. 82ff.

Key Words: threats, network, techniques.

SED-87

Sedlak, H.
"The RSA Cryptography Processor," Proc. Eurocrypt '87, Amsterdam, 1987, (8: CHA-88a), pp. 95-105.

Key Words: RSA, crypto, hardware.

SER-84

Serpell, S.C., C.B. Brookson, and B.L. Clark
"A Prototype System Using Public Key," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 3-9.

Key Words: crypto, public-key, case.

SER-84a

Serpell, S.C., and C.B. Brookson
"Encryption and Key Management for the ECS Satellite Service," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 426-436.

Key Words: crypto, network, keys.

SER-85

Serpell, S.C.,
"Cryptographic Equipment Security: A Code of Practice," Computers & Security, March 1985, pp. 47-64.

Key Words: crypto, hardware.

SHA-86

Sharma, R.S.
"Data Communications and Security," ACM Sec., Audit & Control Rev., Winter 1986, pp. 28-38.

Key Words: methods, general.

SHA-88

Shain, M.
"Security in Electronic Funds Transfer," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 367-380.

Key Words: methods, network, case.

SHA-89

Shain, M.
"Security in Electronic Funds Transfer," Computers & Security, May 1989, pp. 209-221.

Key Words: methods, network, case.

SHE-87

Sheehan, E.R.
"Access Control within SDNS," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 165-171.

Key Words: network, control, case.

SIM-82

Simmons, G.J. (Ed.)
Secure Communications and Asymmetric Cryptosystems, Westview Press, Boulder, CO, 1982.

Key Words: book, crypto, methods, public-key.

SIM-83

Simmons, G.J.
"A 'Weak' Privacy Protocol Using the RSA Cryptalgorithm," Cryptologia, 1983, pp. 180-182.

Key Words: RSA, crypto, protocol.

SIM-84

Simmons, G.J.
"A System for Verifying User Identity and Authorization at the Point-of-Sale or Access," Cryptologia, January 1984, pp. 1-21.

Key Words: authentication, case.

SIM-85

Simmons, G.J.
"The Practice of Authentication," Proc. Eurocrypt '85, Linz, 1985, (8: PIC-86), pp. 261-272.

Key Words: authentication, methods.

- SIM-87**
 Simmons, G.J.
 "Message Authentication with Arbitration of Transmitter/Receiver Disputes," Proc. Eurocrypt '87, Amsterdam, 1987, (8: CHA-88a), pp. 151-165.
- Key Words: authentication.
- SIM-88**
 Simmons, G.J.
 "A Survey of Information Authentication," Proceedings of the IEEE, May 1988, pp. 603-620.
- Key Words: authentication.
- SIM-88a**
 Simmons, G.J.
 "How to Insure that Data Acquired to Verify Treaty Compliance Are Trustworthy," Proceedings of the IEEE, May 1988, pp. 621-627.
- Key Words: verification, crypto.
- SMI-81**
 Smid, M.E.
 "Integrating the Data Encryption Standard into Computer Networks," IEEE Trans. on Communications, June 1981, pp. 762-772.
- Key Words: DES, network, design.
- SMI-87**
 Smith, M.K.
 "A Verified Encrypted Packet Interface," ACM Software Engr. Notes, July 1987.
- Key Words: crypto, design, case.
- SMI-88**
 Smid, M.E., and D.K. Branstad
 "The Data Encryption Standard: Past and Future," Proceedings of the IEEE, May 1988, pp. 550-559.
- Key Words: DES, crypto, general.
- SMI-88a**
 Smid, M., et al.
Message Authentication Code (MAC) Validation System: Requirements and Procedures, SP 500-156, National Institute of Standards and Technology, Gaithersburg, MD, May 1988.
- Key Words: authentication, design, methods, requirements.
- SMI-89**
 Smid, M., J. Dray, and R. Warnar
 "A Token Based Access Control System for Computer Networks," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 232-253.
- Key Words: network, control, case.
- SMI-89a**
 Smith, J.M.
 "Practical Problems with a Cryptographic Protection Scheme," Proc. Crypto '89, Santa Barbara, CA, (8: BRA-90), 1989.
- Key Words: crypto, design, methods.
- SNA-88**
 Snare, J.
 "Secure Electronic Data Exchange," Proc. IFIP/Sec. '88, Australia, 1989, (2: CAE-89), pp. 331-342.
- Key Words: network, case.
- SOR-83**
 Sorkin, A.
 "Requirements for A Secure Terminal Switch," Computers & Security, November 1983, pp. 268-274.
- Key Words: requirements, case.
- SOR-84**
 Sorkin, A., and J.C. Buchanan
 "Measurement of Cryptographic Capability Protection Algorithms," Computers & Security, May 1984, pp. 101-116.
- Key Words: crypto, design, methods.
- STO-89**
 Stoneburner, G.R., and D.A. Snow
 "The Boeing MLS LAN: Headed Towards an INFOSEC Security Solution," Proc. 12th Natl. Comp. Sec. Conf., (5: NCS-89), 1989, pp. 254-266.
- Key Words: MLS, LAN, design, case.
- TAT-87**
 Tater, G.L.
 "The Secure Data Network System: An Overview," Proc. 10th Natl. Comp. Sec. Conf., (5: NCS-87a), 1987, pp. 150-152.
- Key Words: network, design, case.
- TAT-89**
 Tatebayashi, M., N. Matsuzaki, and D.B. Newman
 "Key Distribution Protocol for Digital Mobile Communication System," Proc. Crypto '89, Santa Barbara, CA, (8: BRA-90), 1989.
- Key Words: crypto, protocols, key.
- TEN-86**
 Tener, W.T.
 "Discovery: An Expert System in the Communications Data Security Environment," Proc. IFIP/Sec. '86, Monte Carlo, 1986, (2: GRI-89).
- Key Words: general, network, case.

TOP-84

Toppen, R.
"Infinite Confidence: The Audit of Communication Networks," Computers & Security, November 1984, pp. 303-313.

Key Words: auditing, network.

TOR-85

Torrieri, D.J.
Principles of Secure Communication Systems, Artech House, Norwood, MA, 1985.

Key Words: book, methods, general.

TRO-85

Troy, E.F.
"Dial-Up Security Update," Proc. 8th Natl. Comp. Sec. Conf., (5: NCS-85), 1985, pp. 124-132.

Key Words: PC, methods, hardware.

TRO-86

Troy, E.F.
Security for Dial-Up Lines, SP 500-137, National Bureau of Standards, Gaithersburg, MD, May 1986.

Key Words: PC, methods, hardware.

TSU-89

Tsudik, G.
"Datagram Authentication in Internet Gateways: Implications of Fragmentation and Dynamic Routing," IEEE Journal on Selected Areas in Communication, May 1989, pp. 499-504.

Key Words: authentication, case.

TUR-80

Turn, R.
"Applications of Cryptography," in Rullo, T.A. (Ed.), Advances in Computer Security Management, Vol. 1, Heyden & Son, Philadelphia, PA, 1980, pp. 170-200.

Key Words: crypto, general.

VAN-85

Vandewalle, J. et al.
"Implementation Study of Public Key Cryptographic Protection in an Existing Electronic Mail and Document Handling System," Proc. Eurocrypt '85, Linz, 1985, (8: PIC-86), pp. 43-49.

Key Words: EM, cerypto, public key.

VAN-87

van Heurck, P.
"TRASEC: Belgian Security System for Electronic Funds Transfers," Computers & Security, June 1987, pp. 261-268.

Key Words: network, methods, case.

VAN-88

van der Bank, D., and E. Anderssen
"Cryptographic Figure of Merit," Computers & Security, June 1988, pp. 299-303.

Key Words: crypto, design, methods.

VAR-89

Varadharajan, V.
"Verification of Network Security Protocols," Computers & Security, December 1989, pp. 693-708.

Key Words: verification, protocols.

VOY-83

Voydock, V., and S.T. Kent
"Security for Computer Communication Networks," ACM Computing Surveys, June 1983, pp. 135-171.

Key Words: methods, general.

VOY-85

Voydock, V.L., and S.T. Kent
"Security Mechanisms in a Transport Layer Protocol," Computers & Security, December 1985, pp. 325-341.

Key Words: methods, protocols.

VOY-85a

Voydock, V.L., and S.T. Kent
"Security in High-Level Network Protocols," IEEE Communications Magazine, July 1985, pp. 12-24.

Key Words: network, protocols.

WAL-85

Walker, S.T.
"Network Security Overview," Proc. 1985 IEEE Symp. Sec. & Privacy, (5:IEE-85), pp. 62-76.

Key Words: network, general.

WAL-89

Walker, S.T.
"Network Security: The Parts of the Sum," Proc. 1989 IEEE Symp. Sec. & Privacy, (5:IEE-89b), pp. 2-9.

Key Words: network, general.

WIL-80

Williams, H.C.
"A Modification of the RSA Public-Key Cryptosystem," IEEE Trans. on Inform. Theory, November 1980, pp. 726-729.

Key Words: RSA, crypto, design.

WIT-88

Witten, I.H. and J.G. Cleary
"On the Privacy Afforded by
Adaptive Text Compression,"
Computers & Security,
August 1988, pp. 397-408.

Key Words: methods, case,
techniques.

WON-85

Wong, R.M., T.A.Berson,
and R.J. Feiertag
"Polonius: An Identity
Authentication System," Proc.
1985 IEEE Symp. Sec. & .
Privacy, (5:IEE-85), pp. 101-
107.

Key Words: authentication,
case.

WON-89

Wong, R.M.
"Logon in Distributed
Systems," Digest of Papers,
IEEE Compcn '89, 1989,
pp. 338-341.

Key Words: methods,
network.

WOO-81

Wood, C.C.
"Future Applications of
Cryptography," Proc. 1981
IEEE Symp. Sec. & Privacy,
(5:IEE-81), pp. 70-74.

Key Words: crypto, general.

WOO-82

Wood, C.C.
"Future Applications of
Cryptography," Computers &
Security, January 1982, pp.
65-71.

Key Words: crypto, general.

WOO-83

Wood, H.M., and
I.W. Cotton
"Security in Computer
Communications," in W. Chou
(Ed.), Computer
Communications, Vol. 1,
Prentice-Hall, Englewood
Cliffs, NJ, 1983, pp. 369-409.

Key Words: methods, general.

WOO-89

Wood, C.C.
"Planning: A Means to
Achieve Data Communications
Security," Computers &
Security, May 1989, pp. 189-
199.

Key Words: methods, design.

WOO-89a

Woodfield, N.K.
"An Approach for Evaluating
the Security of an Air Force
Type Network," Proc. 5th Sec.
Applicat. Conf., (5:IEE-89c),
1989, pp. 53-62.

Key Words: network, methods,
case.

8. Cryptography

This section cites publications on the theoretical and practical aspects of cryptography, cryptanalysis, and cryptographic protocols.

ACE-81

"American Council of Education Report on the Public Cryptography Study Group," Communications of the ACM, July 1981, pp. 435-450.

Key Words: policy, research.

ADA-87

Adams, C.M.
"Security-Related Comments Regarding McEliece's Public-Key Cryptosystem," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 224-228.

Key Words: evaluation, public-key.

ADL-82

Adleman, L.M.,
"On Breaking the Iterated Merkle-Hellman Public-Key Cryptosystem," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 303-313.

Key Words: analysis, knapsack.

ADL-82a

Adleman, L.M.
"Implementing an Electronic Notary Public," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 259-265.

Key Words: signatures, design.

ADL-83

Adleman, L.M.
"On Breaking Generalized Knapsack Public-key Cryptosystems," Proceedings, 15th ACM Symposium on Theory of Computing, 1983, pp. 402-412.

Key Words: analysis, knapsack.

AGN-87

Agnew, G.B.
"Random Sources for Cryptographic Systems," Proc. Eurocrypt '87, Amsterdam, 1987, (8: CHA-88a), pp. 77-81.

Key Words: random, techniques.

AGN-88

Agnew, G.B., R.C. Mullin, and S.A. Vanstone
"An Interactive Data Exchange Protocol Based on Discrete Exponentiation," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 159-176.

Key Words: methods, protocols.

AHI-87

Ahitev, N., Y. Lapid, and S. Neumann
"Processing Encrypted Data," Communications of the ACM, September 1987, pp. 777-780.

Key Words: techniques.

AKL-82

Akl, S.G.
"Digital Signatures with Blindfolded Arbitrators Who Cannot Form Alliances," Proc. 1982 IEEE Symp. Sec. and Privacy, (5: IEE-82), pp. 129-135.

Key Words: signatures, methods.

AKL-83

Akl, S.G.
"On the Security of Compressed Encodings," Proc. Crypto '83, Santa Barbara, CA, 1983, (8: CHA-84b), pp. 209-230.

Key Words: analysis, codes.

AKL-83a

Akl, S.G.
"Digital Signatures: Tutorial Survey," IEEE Computer, February 1983, pp. 14-24.

Key Words: signatures, general.

AKL-84

Akl, S.G., and H. Meijer
"A Fast Pseudo Random Permutation Generator with Applications to Cryptography," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 269-275.

Key Words: random, techniques.

ALP-83

Alpern, B., and B. Schneider
"Key Exchange Using 'Keyless Cryptography'," Information Processing Letters, 1983, pp. 79-81.

Key Words: keys, techniques.

AMI-81

Amirazizi, H.R., E.D. Karmin,
and J.M. Reyneri
"Compact Knapsacks are
Polynomially Solvable,"
Proc. Crypto '81, Santa
Barbara, CA, 1981, (8: GER-
82), pp. 17-24.

Key Words: analysis,
knapsack.

AND-82

Andelman, D., and J. Reeds
"On the Cryptanalysis of
Rotor Machines and
Substitution-Permutation
Networks," IEEE Trans. on
Inform. Theory, No. 4, 1982,
pp. 578-584.

Key Words: analysis,
hardware.

ASM-83

Asmuth, C., and J. Blum
"A Modular Approach to Key
Safeguarding," IEEE Trans.
on Inform. Theory, March
1983, pp. 208-210.

Key Words: methods, keys.

AVA-88

Avarne, S.
"Cryptography -- Combatting
Data Compromise," Security
Management, October 1988,
pp. 38-43.

Key Words: threats, methods.

AYO-83

Ayoub, F.
"The Design of Complete
Encryption Packages Using
Cryptographically Equivalent
Permutations," Computers &
Security, November 1983, pp.
261-267.

Key Words: methods, design.

BAL-85

Baldwin, R.W., and
W.C. Gramlich
"Cryptographic Protocol for
Trustable Match Making,"
Proc. 1985 IEEE Symp. Sec.
and Privacy, (5: IEE-85), pp.
92-100.

Key Words: protocols,
methods.

BAN-83

Banary, I., and Z. Furedi
"Mental Poker with Three or
More Players," Information
and Control, 1983, pp. 84-93.

Key Words: protocols,
methods.

BEK-82

Beker, H., and F. Piper
Cipher Systems: The
Protection of Communications,
J. Wiley & Sons, New York,
1982.

Key Words: book, techniques,
methods, general.

BEL-89

Bellare, M., and
S. Goldwasser
"New Paradigms for Digital
Signatures for Smart Cards,"
Proc. Crypto '89, Santa
Barbara, CA, (8: BRA-90),
1989.

Key Words: signatures,
methods.

BEN-82

Bennett, C.H., et al.
"Quantum Cryptography, or
Unforgeable Subway Tokens,"
Proc. Crypto '82, Santa
Barbara, CA, 1982, (8: CHA-
83b), pp. 267-275.

Key Words: authentication,
case.

BEN-84

Bennet, C.H., and G. Brassard
"Update on Quantum
Cryptography," Proc. Crypto
'84, Santa Barbara, CA, 1984,
(8: BLA-84a), pp. 475-480.

Key Words: techniques,
methods.

BEN-85

Bennet, C.H., G. Brassard,
and J.-M. Robert
"How to Reduce Your
Enemy's Information," Proc.
Crypto '85, Santa Barbara,
CA, 1985, (8: WIL-86), pp.
468-476.

Key Words: methods, theory.

BEN-86

Benaloh, J.C.
"Cryptographic Capsules: A
Disjunctive Primitive for
Interactive Protocols," Proc.
Crypto '86, Santa Barbara,
CA, 1986, (8: ODL-87), pp.
213-222.

Key Words: methods,
protocols.

BEN-86a

Benaloh, J.C.
"Secret Sharing
Homomorphisms: Keeping
Shares of a Secret Secret,"
Proc. Crypto '86, Santa
Barbara, CA, 1986, (8: ODL-
87), pp. 251-260.

Key Words: methods,
protocols.

BEN-87

Bennett, J.
"Analysis of the Encryption
Algorithm Used in the
WordPerfect Word Processing
Program," Cryptologia, October
1987, pp. 206-210.

Key Words: methods, case.

BEN-89

Bender, A., and
G. Castagnoli
"On the Implementation of
Elliptic Curve
Cryptosystems," Proc. Crypto
'89, Santa Barbara, CA, (8:
BRA-90), 1989.

Key Words: methods, theory.

BER-84

Berger, R., et al.
"A Provably Secure
Oblivious Transfer Protocol,"
Proc. Eurocrypt '84, Paris,
1984, (8: BET-85), pp. 379-
386.

Key Words: oblivious,
protocols.

BER-85

Berger, R., et al.
"A Framework for the Study
of Cryptographic Protocols,"
Proc. Crypto '85, Santa
Barbara, CA, 1985, (8: WIL-
86), pp. 87-103.

Key Words: model, protocols.

BET-82

Beth, T., and T. Ioth
"Algorithm Engineering for
Public Key Algorithms,"
Proc. 1982 IEEE Symp. Sec.
& Priv., (5: IEE-82), pp.
458-466.

Key Words: algorithms,
design.

BET-83

Beth, T. (Ed.)
Cryptography, Proceedings,
Burg Feuerstein Conference
1982, Lecture Notes in
Computer Science, Springer
Verlag, Berlin, 1983.

Key Words: proceedings,
general.

BET-86

Beth, T., et al. (Eds.)
Advances in Cryptology,
Proceedings, Eurocrypt '85,
Linz, Austria, April 1985,
Lecture Notes in Computer
Science, Vol. 209 Springer-
Verlag, New York, 1986

Key Words: proceedings,
general.

BET-88

Beth, T.
"Efficient Zero-Knowledge
Identification Scheme for Smart
Cards," Proc. Eurocrypt '88,
Davos, 1988, (8: GUN-89),
pp. 77-84.

Key Words: authentication,
zero.

BEU-87

Beutelspacher, A.
"Perfect and Essentially
Perfect Authentication
Schemes," Proc. Eurocrypt
'87, Amsterdam, 1987, (8:
CHA-88a), pp. 167-170.

Key Words: authentication,
methods.

BLA-80

Blakely, G.R.
"One Time Pads Are Key
Safeguarding Schemes, Not
Cryptosystems," Proc. 1980
IEEE Symp. Sec. & Priv., (5:
IEE-80), pp. 108-113.

Key Words: methods, keys.

BLA-80a

Blakely, G.R.
"Safeguarding Cryptographic
Keys," Proc. 1980 IEEE
Symp. Sec. & Priv., (5: IEE-
80), pp. 108-113.

Key Words: methods, keys,

BLA-84

Blakely, G.R., and
D.L. Chaum (Eds.)
Advances in Cryptology:
Crypto '84, Santa Barbara,
CA, August 1984, Lect. Notes
in Comp. Sci., No. 196,
Springer-Verlag, Berlin, 1984.

Key Words: proceedings,
general.

BLA-84a

Blakely, G.R., and
C. Meadows
"Security of Ramp Schemes,"
Proc. Crypto '84, Santa
Barbara, CA, 1984, (8: BLA-
84a), pp. 242-268.

Key Words: analysis, methods.

BLA-84b

Blakely, G.R.
"Information Theory Without
the Finiteness Assumption, I:
Cryptosystems as Group-
Theoretic Objects," Proc.
Crypto '84, Santa Barbara,
CA, 1984, (8: BLA-84a), pp.
314-338.

Key Words: analysis, theory.

BLA-85

Blakely, G.R.
"Information Theory Without
the Finiteness Assumption, II:
Unfolding the DES," Proc.
Crypto '85, Santa Barbara,
CA, 1985, (8: WIL-86), pp.
282-337.

Key Words: DES, analysis,
theory.

BLA-85a

Blakely, G.R., C. Meadows,
and G.B. Purdy
"Fingerprinting Long Forgiving
Messages," Proc. Crypto '85,
Santa Barbara, CA, 1985, (8:
WIL-86), pp. 180-189.

Key Words: methods, theory.

- BLA-86**
Blakely, G.R., and R.D. Dixon
"Smallest Possible Message Expansion in Threshold Schemes," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 266-274.

Key Words: methods, theory.
- BLA-87**
Blakely, G.R., and W. Rundell
"Cryptosystems Based on an Analog of Heat Flow," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 306-329

Key Words: models, methods.
- BLO-82**
Blom, R.
"Non-Public-key Distribution," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 231-236.

Key Words: keys, management.
- BLO-84**
Blom, R.
"An Upper Bound on the Key Equivocation for Pure Ciphers," IEEE Trans. on Inform. Theory, 1984, pp. 82-84.

Key Words: methods, theory.
- BLO-84a**
Blom, R.
"An Optimal Class of Symmetric Key Generation Systems," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 335-338.

Key Words: keys, theory.
- BLU-82**
Blum, M.
"Coin Flipping by Telephone," Proc., IEEE Spring Computer Conference, 1982, pp. 133-137.

Key Words: protocols, case.
- BLU-83**
Blum, M.
"How to Exchange (Secret) Keys," ACM Trans. on Computer Systems, May 1983, pp. 175-193.

Key Words: protocols, keys.
- BLU-84**
Blum, M., and S. Micali
"How to Generate Cryptographically Strong Sequences of Pseudo-Random Bits," SIAM Journal of Computation, November 1984.

Key Words: methods, random.
- BLU-84a**
Blum, M., and S. Goldwasser
"An Efficient Probabilistic Public-Key Encryption Scheme which Hides All Partial Information," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 289-299.

Key Words: algorithm, zero.
- BOO-85**
Book, R.V., and F. Otto
"The Verifiability of Two-Part Protocols," Proc. Eurocrypt '85, Linz, 1985, (8: PIC-86), pp. 254-260.

Key Words: verification, protocols.
- BRA-81**
Brassard, G.
"A Time-Luck Tradeoff in Relativized Cryptography," Journal of Computer and System Science, 1981, pp. 280-311.

Key Words: methods, design.
- BRA-82**
Brassard, G.
"On Computationally Secure Authentication Tags Requiring Short Shared Keys," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 79-85.

Key Words: authentication, keys.
- BRA-83**
Brassard, G.
"A Note on the Complexity of Cryptography," IEEE Trans. on Informat. Theory, November 1983, pp. 232-233.

Key Words: complexity, theory.
- BRA-83a**
Brassard, G.
"Relativized Cryptography," IEEE Trans. on Inform. Theory, 1983, pp. 877-894.

Key Words: methods, general.
- BRA-86**
Brassard, G., and C. Crepeau
"Non-Transitive Transfer of Confidence: A Perfect Zero-Knowledge Interactive Protocol for SAT and Beyond," Proceedings, 27th IEEE Annual Symposium on the Foundations of Computer Science, 1986, pp. 188-195.

Key Words: protocols, zero.
- BRA-86a**
Brassard, G., C. Crepeau, and J.-M. Robert
"All-Or-Nothing Disclosure of Secrets," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 234-238.

Key Words: methods, theory.
- BRA-88**
Brandt, J., I.B. Damgard, and P. Landrock
"Anonymous and Verifiable Registration in Databases," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 167-76.

Key Words: authentication, methods, theory.
- BRA-88a**
Brassard, G.
Modern Cryptology: A Tutorial, Lecture Notes in Computer Science No. 325, Springer-Verlag, New York, NY, 1988

Key Words: book, general.

BRA-90

Brassard, G.
Advances in Cryptology,
Proceedings of Crypto-89,
 Santa Barbara, CA, August
 1989, Lecture Notes in
 Computer Science, Springer
 Verlag, Berlin, 1990.

Key Words: proceedings,
 general.

BRI-82

Brickell, E.F.
 "A Fast Modular
 Multiplication Algorithm with
 Application to Two-Key
 Cryptography," Proc. Crypto
'82, Santa Barbara, CA,
 1982, (8: CHA-83b), pp. 51-
 60.

Key Words: RSA, techniques.

BRI-82a

Brickell, E.F., J.A. Davis,
 and G.J. Simmons
 "A Preliminary Report on the
 Cryptanalysis of Merkle-
 Hellman Knapsack
 Cryptosystems," Proc. Crypto
'82, Santa Barbara, CA,
 1982, (8: CHA-83b), pp.
 289-301.

Key Words: analysis,
 knapsack.

BRI-83

Brickell, E.F.
 "Solving Low Density
 Knapsacks" Proc. Crypto '83,
 Santa Barbara, CA, 1983, (8:
 CHA-84b), pp. 25-38.

Key Words: analysis,
 knapsack.

BRI-83a

Brickell, E.F., and
 G.J. Simmons
 "A Status Report on
 Knapsack Based Public-key
 Cryptosystems," Congressus
Numerantium, Vol. 37, 1983,
 pp. 3-72.

Key Words: analysis,
 knapsack.

BRI-84

Brickell, E.F.
 "A Few Results in Message
 Authentication" Congress
Numerantium, December
 1984, pp. 141-154.

Key Words: authentication,
 methods, theory.

BRI-84a

Brickell, E.F.
 "Breaking Iterated
 Knapsacks," Proc. Crypto '84,
 Santa Barbara, CA, 1984, (8:
 BLA-84a), pp. 342-358.

Key Words: analysis,
 knapsack.

BRI-85

Brickell, E.F., and
 J.M. DeLaurentis
 "An Attack on a Signature
 Scheme Proposed by Okamoto
 and Shiraishi," Proc. Crypto
'85, Santa Barbara, CA, 1985,
 (8: WIL-86), pp. 28-32.

Key Words: analysis,
 signatures.

BRI-86

Brickell, E.F., J.H. Moore,
 and M.R. Purtill
 "Structure in the S-Boxes of
 the DES," Proc. Crypto '86,
 Santa Barbara, CA, 1986, (8:
 ODL-87), pp. 3-32.

Key Words: DES, analysis.

BRI-87

Brickell, E.F.
 "On Privacy
 Homomorphisms," Proc.
Eurocrypt '87, Amsterdam,
 1987, (8: CHA-88a), pp. 117-
 125.

Key Words: methods, theory.

BRI-87a

Brickell, E.F., et al.
 "Gradual and Verifiable
 Release of a Secret," Proc.
Crypto '87, Santa Barbara,
 CA, 1987, (8: POM-88), pp.
 156-166.

Key Words: verification,
 methods.

BRI-87b

Brickell, E.F., P.J. Lee,
 and Y. Yacobi
 "Secure Audio
 Teleconference," Proc. Crypto
'87, Santa Barbara, CA, 1987,
 (8: POM-88), pp. 418-426.

Key Words: techniques,
 design.

BRI-88

Brickell, E.F., and
 A.M. Odlyzko
 "Cryptanalysis: A Survey of
 Recent Results," Proceedings
of the IEEE, May 1988, pp.
 578-593.

Key Words: analysis, methods.

BRI-88a

Brickell, E.F., and
 D.R. Stinson
 "Authentication Codes with
 Multiple Arbitrers," Proc.
Eurocrypt '87, Amsterdam,
 1987, (8: CHA-88a), pp. 51-
 55.

Key Words: authentication,
 codes.

BRI-89

Brickell, E.F., and
 D.M. Davenport
 "On the Classification of Ideal
 Secret Sharing Systems," Proc.
Crypto '89, Santa Barbara,
 CA, (8: BRA-90), 1989.

Key Words: methods, theory.

BUC-82

Buck, R.C.
 "The Public Cryptography
 Study Group," Computers &
Security, November 1982, pp.
 249-254.

Key Words: policy, research.

- BUC-88
Buchmann, J., and
H.C. Williams
"A Key-Exchange System
Based on Imaginary
Quadratic Fields," Journal of
Cryptology, Vol. 1, No. 2,
1988, pp. 107-118.
- Key Words: methods, keys,
theory.
- BUC-89
Buchmann, J.A., and
H.C. Williams
"A Key Exchange System
Based on Real Quadratic
Fields," Proc. Crypto '89,
Santa Barbara, CA, (8: BRA-
90), 1989.
- Key Words: methods, keys,
theory.
- CAD-86
Cade, J.J.
"A Modification of A Broken
Public-Key Cipher," Proc.
Crypto '86, Santa Barbara,
CA, 1986, (8: ODL-87), pp.
64-83.
- Key Words: methods, design.
- CAR-86
Carroll, J.M., and S. Martin
"The Automated
Cryptanalysis of Substitution
Ciphers," Cryptologia,
October 1986, pp. 193-209.
- Key Words: analysis,
methods.
- CAR-87
Carroll, J.M., and L. Robbins
"The Automated
Cryptanalysis of
Polyalphabetic Ciphers,"
Cryptologia, October 1987,
pp. 193-205.
- Key Words: analysis,
methods.
- CAR-88
Carroll, J.M., and
L.E. Robbins
"Using Binary Derivatives to
Test an Enhancement of
DES," Cryptologia, October
1988, pp. 193-208.
- Key Words: DES, evaluation.
- CHA-81
Chaum, D.L.
"Untraceable Electronic Mail,
Return Addresses, and Digital
Pseudonyms,"
Communications of the ACM,
February 1981, pp. 84-88.
- Key Words: methods,
protocols.
- CHA-82
Chaum, D.
"Blind Signatures for
Untraceable Payments," Proc.
Crypto '82, Santa Barbara,
CA, 1982, (8: CHA-83b), pp.
199-203.
- Key Words: signatures,
theory.
- CHA-83
Chaum, D., R.L. Rivest, and
A.T. Sheridan (Eds.),
Advances in Cryptology: Proc.
of Crypto-82, Santa Barbara,
CA, August 1982, Plenum
Press, New York, 1983.
- Key Words: proceedings,
general.
- CHA-84
Chaum, D. (Ed.),
Advances in Cryptology: Proc.
of Crypto-83, Santa Barbara,
CA, August 1983, Plenum
Press, New York, 1984.
- Key Words: proceedings,
general.
- CHA-85
Chaum, D., and J.-H. Evertse
"Cryptanalysis of DES with a
Reduced Number of Rounds
Sequences of Linear Factors in
Block Ciphers," Proc. Crypto
'85, Santa Barbara, CA, 1985,
(8: WIL-86), pp. 192-211.
- Key Words: DES, analysis,
design.
- CHA-85a
Chaum, D.
"Security Without
Identification: Transaction
System to Make Big Brother
Obsolete," Communications of
the ACM, October 1985, pp.
1030-1044.
- Key Words: techniques, theory.
- CHA-86
Chaum, D., and J.-H. Evertse
"A Secure and Privacy-
Protecting Protocol for
Transmitting Personal
Information Between
Organizations," Proc. Crypto
'86, Santa Barbara, CA, 1986,
(8: ODL-87), pp. 118-167.
- Key Words: protocols, design.
- CHA-86a
Chaum, D.
"Demonstrating the a Public
Predicate Can Be Satisfied
Without Revealing Any
Information About How," Proc.
Crypto '86, Santa Barbara,
CA, 1986, (8: ODL-87), pp.
195-199.
- Key Words: protocol, theory,
zero.
- CHA-86b
Chaum, D., et al.
"Demonstrating Possession of a
Discrete Logarithm Without
Revealing It," Proc. Crypto
'86, Santa Barbara, CA, 1986,
(8: ODL-87), pp. 200-212.
- Key Words: protocol, theory,
zero.

CHA-87

Chaum, D., I.B. Damgard, and J. Van de Graaf
"Multiparty Computations Ensuring of Each Party's Input and Correctness of the Result," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88),

Key Words: protocols, theory.

CHA-87a

Chaum, D.
"Blinding for Unanticipated Signatures," Proc. Eurocrypt '87, Amsterdam, 1987, (CHA-88a), pp. 227-233.

Key Words: signatures, methods.

CHA-87b

Chaum, D., J.-H. Evertse, and J. van de Graaf
"An Improved Protocol for Demonstrating Possession of a Discrete Logarithm and Some Generalizations," Proc. Eurocrypt '87, Amsterdam, 1987, (CHA-88a), pp. 127-141.

Key Words: protocols, theory.

CHA-88

Chaum, D., and W.L. Price (Eds.)
Advances in Cryptology: Eurocrypt '87 Proceedings, Amsterdam, April 1987, Lecture Notes in Computer Science No. 304, Springer-Verlag, New York, 1988.

Key Words: proceedings, general.

CHA-88a

Chaum, D.
"The Dining Cryptographers Problem: Unconditional Sender and Receiver Untraceability," Journal of Cryptology, Vol. 1, No. 1, 1988, pp. 65-75.

Key Words: protocols, theory.

CHA-88b

Chaum, D.
"Elections with Unconditionally Secret Ballots and Disruption Equivalent to Breaking RSA," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 177-182.

Key Words: RSA, protocols.

CHA-89

Chaum, D.
"Undeniable Signatures" Proc. Crypto '89, Santa Barbara, CA, (8: BRA-90), 1989.

Key Words: signatures, methods.

CHA-89a

Chaum, D.
"The Spymaster's Double-Agent Problem: Multiparty Computations Secure Unconditionally from All Minorities and Cryptographically from Majorities," Proc. Crypto '89, Santa Barbara, CA, (8: BRA-90), 1989.

Key Words: protocols, theory.

CHO-84

Chor, B. and R.L. Rivest
"A Knapsack Type Public-key Cryptosystem Based on Arithmetic in Finite Fields," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 54-65.

Key Words: methods, knapsack.

CHO-85

Chor, B., et al.
"Verifiable Secret Sharing and Achieving Simultaneity in the Presence of Faults," Proceedings, 26th IEEE Annual Symposium on the Foundations of Comp. Sci., 1985, pp. 383-395.

Key Words: protocols, methods.

CHO-88

Chor, B., and R.L. Rivest
"A Knapsack-Type Public-key Cryptosystem Based on Arithmetic in Finite Fields," IEEE Trans. on Inform. Theory, September 1988, pp. 901-909.

Key Words: methods, knapsack, theory, public-key.

CHO-89

Chor, B., and E. Kushilevitz
"Secret Sharing over Infinite Domains," Proc. Crypto '89, Santa Barbara, CA, 1989, (8: BRA-90).

Key Words: methods, theory.

CLJ-84

"Government and Cryptography," Computer/Law Journal, Winter 1984, pp. 573-603.

Key Words: policy, research.

COH-85

Cohen, J., and M. Fischer
"A Robust and Verifiable Cryptographically Secure Election System," Proceedings, 26th IEEE Symposium on Foundations of Computing, 1985, pp. 372-382.

Key Words: methods, protocols.

COO-80

Cooper, R.H.
"Linear Transformations in Galois Fields and Their Applications to Cryptography," Cryptologia, Vol. 4, 1980, pp. 184-188.

Key Words: algorithms, theory.

COO-84

Cooper, R.H., W. Hyslop, and W. Patterson
"An Application of the Chinese Remainder Theorem to Multiple-Key Encryption in Data Base Systems," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 553-556.

Key Words: methods, theory.

COP-84

Coppersmith, D.
"Another Birthday Attack,"
Proc. Crypto '85, Santa
Barbara, CA, 1985, (8: WIL-
86), pp. 14-17.

Key Words: analysis,
methods.

COP-85

Coppersmith, D.
"Cheating at Mental Poker,"
Proc. Crypto '85, Santa
Barbara, CA, 1985, (8: WIL-
86), pp. 104-107.

Key Words: threats,
protocols.

COP-87

Coppersmith, D.
"Cryptography," IBM Journal
of Research and
Development, March 1987,
pp. 244-248.

Key Words: methods,
general.

COS-81

Costas, J.P.
"The Hand-Held Calculator
as a Cryptographic
Terminal," Cryptologia, April
1981, pp. 94-117.

Key Words: methods,
hardware.

CRE-85

Crepeau, C.
"A Secure Poker Protocol
that Minimizes the Effect of
Player Coalitions," Proc.
Crypto '85, Santa Barbara,
CA, 1985, (8: WIL-86), pp.
73-86.

Key Words: methods,
protocols.

CRE-87

Crepeau, C.
"Equivalence Between Two
Flavors of Oblivious
Transfer," Proc. Crypto '87,
Santa Barbara, CA, 1987, (8:
POM-88), pp. 350-354.

Key Words: oblivious,
theory.

DAV-80

Davies, D.W., W.L. Price,
and G.I. Parkin
"Evaluation of Public-key
Cryptosystems," Information
Privacy (U.K.), March 1980,
pp. 138-154.

Key Words: evaluation,
public-key.

DAV-80a

Davies, D.W., and D.A. Bell
"Protection of Data by
Cryptography," Information
Privacy (U.K.), May 1980,
pp. 106-125.

Key Words: techniques, case.

DAV-82

Davies, D.W.
"Some Regular Properties of
Data Encryption Standard
Algorithm," Proc. Crypto '82,
Santa Barbara, CA, 1982, (8:
CHA-83b), pp. 89-96.

Key Words: DES, analysis.

DAV-82a

Davies, D.W., and
G.I.P. Parkin
"The Average Cycle Size of
the Key Stream in Output
Feedback Encipherment,"
Proc. Crypto '82, Santa
Barbara, CA, 1982, (8: CHA-
83b), pp. 97-98.

Key Words: DES, analysis.

DAV-82b

Davida, G.I., and Y.Yeh
"Cryptographic Relational
Algebra," Proc. 1982 IEEE
Symp. Sec. & Privacy, (5:
IEE-82), 1982, pp. 111-116

Key Words: algorithms,
theory.

DAV-83

Davies, D.W.
"Use of the 'Signature Token'
to Create a Negotiable
Document," Proc. Crypto '83,
Santa Barbara, CA, (8: CHA-
84b), 1983, pp. 377-382.

Key Words: signatuers,
methods.

DAV-83a

Davis, J.A., and
D.B. Holdridge
"Factorization Using the
Quadratic Sieve Algorithm,"
Proc. Crypto '83, Santa
Barbara, CA, (8: CHA-84b),
1983, pp. 103-113.

Key Words: analysis,
techniques.

DAV-83b

Davio, M., et al.,
"Analytical Characteristics of
the DES," Proc. Crypto '83,
Santa Barbara, CA, 1983, (8:
CHA-84b), pp. 171-202.

Key Words: DES, analysis,
methods.

DAV-84

Davio, M., Y. Desmedt, and
J.-J. Quisquater
"Propagation Characteristics of
the DES," Proc. Eurocrypt '84,
Paris, 1984, (8: BET-85), pp.
62-73.

Key Words: DES, analysis.

DAV-84a

Davis, J.A., D.B. Holdridge,
and G.J. Simmons
"Status Report on Factoring
(At the Sandia Laboratories),"
Proc. Eurocrypt '84, Paris,
1984, (8: BET-85), pp. 183-
215.

Key Words: RSA, analysis,
methods.

DAV-87

Davida, G.I., and G.G. Walter
"A Public-key Analog
Cryptosystem," Proc. Eurocrypt
'87, Amsterdam, 1987, (CHA-
88a), pp. 144-147.

Key Words: methods, public-
key.

- DAV-87a
 Davida, G.I. and B.J. Matt
 "Arbitration in Tamper Proof
 Systems," Proc. Crypto '87,
 Santa Barbara, CA, 1987, (8:
 POM-88), pp. 216-222.
- Key Words: signatures,
 methods.
- DAV-87b
 Davida, G.I., and F.B. Dances
 "A Crypto-Engine," Proc.
Crypto '87, Santa Barbara,
 CA, 1987, (8: POM-88), pp.
 257-268.
- Key Words: methods, design.
- DAV-88
 Davis, J.A. and
 D.B. Holdridge
 "Factorization of Large
 Integers on a Massively
 Parallel Computer," Proc.
Eurocrypt '88, Davos, 1988,
 (8: GUN-89), pp. 235-243.
- Key Words: analysis,
 techniques.
- DEA-87
 Deavours, C.A.,
Cryptology Yesterday, Today
and Tomorrow, Artech
 House, Norwood, MA, 1987.
- Key Words: book, general.
- DEA-89
 Deavours, C.A., et al. (Eds.)
Cryptology: Machines,
History, and Methods, Artech
 House, Norwood, MA, 1989.
- Key Words: book, general.
- DEJ-85
 deJonge, W., and D. Chaum
 "Attacks on Some RSA
 Signatures," Proc. Crypto '85,
 Santa Barbara, CA, 1985, (8:
 WIL-86), pp. 18-27.
- Key Words: RSA, analysis,
 signatures.
- DEJ-86
 de Jonge, W., and D. Chaum
 "Some Variations on RSA
 Signatures & Their Security,"
Proc. Crypto '86, Santa
 Barbara, CA, 1986, (8: ODL-
 87), pp. 49-59.
- Key Words: RSA, signatures.
- DEL-84
 DeLaurentis, J.M.
 "A Further Weakness in the
 Common Modulus Protocol
 for the RSA Cryptalgorithm,"
Cryptologia, July 1984, pp.
 253-259.
- Key Words: RSA, analysis,
 threats, protocols.
- DEL-84a
 Delsarte, P., et al.
 "Fast Cryptanalysis of
 Matsumoto-Imai Public-key
 Scheme," Proc. Eurocrypt '84,
 Paris, 1984, (8: BET-85), pp.
 142-149.
- Key Words: analysis, public-
 key.
- DEM-82
 DeMillo, R., N. Lynch,
 and M. Merritt
 "Cryptographic Protocols,"
Proc., 14th ACM Symposium
on Theory of Computation,
 1982, pp. 383-400.
- Key Words: protocols,
 general.
- DEM-83
 DeMillo, R.A., et al.
 "Applied Cryptology,
 Cryptographic Protocols, and
 Computer Security Models,"
Proceedings, 29th Symposium
on Applied Mathematics,
 American Mathematical Soc.,
 1983.
- Key Words: models,
 protocols.
- DEM-83a
 DeMillo, R., and M. Merritt
 "Protocols for Data Security,"
IEEE Computer, February
 1983, pp. 39-50.
- Key Words: protocols, general.
- DEN-82
 Denning, D.E.
Cryptography and Data
Security, Addison-Wesley,
 Reading, MA, 1982.
- Key Words: book, methods,
 models.
- DEN-83
 Denning, D.E.,
 "The Many-Time Pad: Theme
 and Variations," Proc. 1983
IEEE Symp. Sec. & Priv., (5:
 IEE-83a), pp. 23-30.
- Key Words: techniques, case.
- DEN-84
 Denning, D.E.
 "Digital Signatures with RSA
 and Other Public-Key
 Cryptosystems,"
Communications of the ACM,
 April 1984, pp. 388-392.
- Key Words: RSA, signatures.
- DEN-88
 Den Boer, B.
 "Cryptanalysis of F.E.A.L.,"
Proc. Crypto '88, Santa
 Barbara, CA, 1988, pp. 293-
 299.
- Key Words: analysis,
 algorithm.
- DES-84
 Desmedt, Y.G., et al.
 "A Critical Analysis of
 Security of Knapsack Public-
 key Algorithms," IEEE Trans.
on Inform. Theory, July 1984,
 pp. 601-611.
- Key Words: analysis,
 knapsack.

- DES-84a
Desmedt, Y., et al.
"Dependence of Output on Input in DES: Small Avalanche Characteristics," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 359-376.
- Key Words: DES, design, analysis.
- DES-85
Desmedt, Y.
"Unconditionally Secure Authentication Schemes and Practical and Theoretical Consequences," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 42-55.
- Key Words: authentication, theory.
- DES-85a
Desmedt, Y., and A.M. Odlyzko
"A Chosen Text Attack on the RSA Cryptosystem and Some Discrete Logarithm Schemes," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 516-522.
- Key Words: RSA, analysis, threats.
- DES-86
Desmedt, Y., and J.-J. Quisquater
"Public-Key Systems Based on the Difficulty of Tampering," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 111-117.
- Key Words: public-key, design.
- DES-86a
Desmedt, Y.
"Is There A Ultimate Use of Cryptography?," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 459-463.
- Key Words: policy, general.
- DES-87
De Santis, A., S. Micali, and G. Persiano
"Non-Interactive Zero-Knowledge Proof Systems," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 52-72.
- Key Words: theory, zero.
- DES-87a
Desmedt, Y.G., et al.
"Special Uses and Abuses of the Fiat-Shamir Passport Protocol" Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 21-39.
- Key Words: threats, protocols.
- DES-87b
Desmedt, Y.G.
"Society and Group Oriented Cryptography: A New Concept," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 120-127.
- Key Words: policy, methods.
- DES-88
Desmedt, Y.G.
"Subliminal-Free Authentication and Signature," Proc. Crypto '88, Santa Barbara, CA, 1988, pp. 23-33.
- Key Words: authentication, methods.
- DES-88a
De Soete, M.
"Some Constructions for Authentication-Secrecy Codes," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 57-75.
- Key Words: authentication, codes.
- DES-89
Desmedt, Y.G.
"Making Conditionally Secure Cryptosystems Unconditionally Abuse-Free in a General Context," Proc. Crypto '89, Santa Barbara, CA, (8: BRA-90), 1989.
- Key Words: methods, design.
- DIF-81
Diffie, W.
"Cryptographic Technology: Fifteen Year Forecast," Proc. Crypto '81, Santa Barbara, CA, 1981, (8: GER-82), pp. 84-108.
- Key Words: methods, general.
- DIF-88
Diffie, W.
"The First Ten Years of Public-Key Cryptography," Proceedings of the IEEE, May 1988, pp. 560-577.
- Key Words: public-key, methods.
- DOL-81
Dolev, D., A.C. Yao
"On the Security of Public Key Protocols," Proc., 22nd Annual Symp. on the Foundations of Comp. Sci., 1981.
- Key Words: analysis, public-key.
- DOL-82
Dolev, D., and A. Wigderson
"On the Security of Multi-Party Protocols in Distributed Systems," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 167-175.
- Key Words: analysis, protocols.
- DOL-82a
Dolev, D., S. Even, and R.M. Karp
"On the Security of Ping-Pong Algorithms," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 177-186.
- Key Words: analysis, algorithms.
- DOL-83
Dolev, D., and A.C. Yao
"On the Security of Public-key Protocols," IEEE Trans. on Inform. Theory, March 1983, pp. 198-208.
- Key Words: analysis, protocols.

EIE-83

Eier, R., and H. Lager
"Trapdoors in Knapsack
Cryptosystems," Proc. Burg
Feuerstein Conf., 1982, (8:
BET-83), pp. 316-322.

Key Words: analysis,
knapsack.

ELG-82

ElGamal, T.
"A Public-key Cryptosystem
and a Signature Scheme
Based on Discrete
Logarithms," Proc. Crypto
'84, Santa Barbara, CA,
1984, (8: BLA-84a), pp. 10-
18.

Key Words: methods,
signatures.

ELG-85

ElGamal, T.
"A Public-key Cryptosystem
and Signature Scheme Based
on Discrete Logarithms,"
IEEE Trans. on Inform.
Theory, July 1985, pp. 469-
472.

Key Words: methods,
signatures.

ELK-83

El-Kateeb, A., and
S. Al-Khayatt
"Public-key Cryptosystems,"
Information Age (UK),
October 1983, pp. 232-237.

Key Words: publi-key,
general.

ESC-84

Escobar, C.B.
"Nongovernmental Cryptology
and National Security: The
Government Seeking to
Restrict Research,"
Computer/Law Journal,
Winter 1984, pp. 573-603.

Key Words: policy, research.

EST-85

Estes, D., et al.
"Breaking the Ong-Schorr-
Shamir Signature Scheme for
Quadratic Number Fields,"
Proc. Crypto '85, Santa
Barbara, CA, 1985, (8: WIL-
86), pp. 3-13.

Key Words: analysis,
signatures.

EVE-82

Even, S., O. Goldreich,
and A. Lempel
"A Randomized Protocol for
Signing Contracts" Proc.
Crypto '82, Santa Barbara,
CA, 1982, (8: CHA-83b), pp.
205-210.

Key Words: signatures,
random, protocols.

EVE-85

Even, S., O. Goldreich,
and A. Shamir
"On the Security of Ping-Pong
Protocols when Implemented
Using the RSA," Proc. Crypto
'85, Santa Barbara, CA, 1985,
(8: WIL-86), pp. 58-72.

Key Words: RSA, analysis,
protocols.

EVE-85a

Even, S., and O. Goldreich
"On the Power of Cascade
Ciphers," ACM Trans. on
Computer Systems, 1985, pp.
108-116.

Key Words: evaluation,
methods.

EVE-85b

Even, S., O. Goldreich,
and A. Lempel
"A Randomized Protocol for
Signing Contracts,"
Communications of the ACM,
June 1985, pp. 637-647.

Key Words: siagnatures,
random.

EVE-87

Evertse, J.-H.
"Linear Structures in Block
Ciphers," Proc. Eurocrypt '87,
Amsterdam, 1987, (CHA-88a),
pp. 249-266.

Key Words: analysis, methods.

EVE-89

Even, S., O. Goldreich,
and S. Micali
"On Line/Off Line Digital
Signatures," Proc. Crypto '89,
Santa Barbara, CA, (8: BRA-
90), 1989.

Key Words: signatures,
methods.

FAM-83

Fam, B.W.
"Improving the Security of
Exponential Key Exchange,"
Proc. Crypto '83, Santa
Barbara, CA, 1983, (8: CHA-
84b), pp. 359-368.

Key Words: methods, keys.

FEI-85

Feigenbaum, J.
"Encrypting Problem
Instances," Proc. Crypto '85,
Santa Barbara, CA, 1985, (8:
WIL-86), pp. 477-488.

Key Words: methods, theory.

FEI-88

Feige, U., A. Fiat,
and A. Shamir
"Zero-Knowledge Proofs of
Identity," Journal of
Cryptology, Vol. 1, No. 2,
1988, pp. 77-94.

Key Words: authentication,
zero.

FEL-85

Fell, H., and W. Diffie
"Analysis of a Public-key
Approach Based on
Polynomial Substitution," Proc.
Crypto '85, Santa Barbara,
CA, 1985, (8: WIL-86), pp.
340-349.

Key Words: analysis, public-
key.

FEL-87

Feldman, P.
"A Practical Scheme for
Non-Interactive Verifiable
Secret Sharing," Proc., 28th
IEEE Annual Symp. on the
Foundation of Comp.
Science, 1987, pp. 427-437.

Key Words: methods,
protocols.

FIA-86

Fiat, A., and A. Shamir
"How to Prove Yourself:
Practical Solutions to
Identification and Signature
Problems," Proc. Crypto '86,
Santa Barbara, CA, 1986, (8:
ODL-87), pp. 186-194.

Key Words: signatures,
methods.

FIS-81

Fischer, E.
"Measuring Cryptographic
Performance with Production
Processes," Cryptologia, July
1981, pp. 158-162.

Key Words: evaluation,
methods.

FOR-84

Fortune, S.
"Poker Protocols," Proc.
Crypto '84, Santa Barbara,
CA, 1984, (8: BLA-84a), pp.
454-464.

Key Words: protocols, case.

FOS-82

Foster, C.C.
Cryptanalysis for
Microcomputers, Hayden
Book Co., Rochelle Park, NJ,
1982.

Key Words: book, PC,
methods.

GAL-85

Galil, Z., S. Haber, and
M. Yung
"Symmetric Public-Key
Encryption," Proc. Crypto '85,
Santa Barbara, CA, 1985, (8:
WIL-86), pp. 128-137.

Key Words: public-key,
methods.

GAL-85a

Galil, Z., S. Haber, and
M. Yung
"A Private Interactive Test of
a Boolean Predicate and
Minimum-Knowledge Public-
Key Cryptosystems," Proc.,
26th IEEE Symposium on
Foundations of Computing,
1985, pp. 360-371

Key Words: evaluation,
public-key.

GEO-89

Georgiu, G.
"A Method to Strengthen
Ciphers," Cryptologia, April
1989, pp. 151.

Key Words: methods,
techniques.

GER-82

Gersho, A. (Ed.)
Advances in Cryptology: A
Report on Crypto 81, August
1981, ECE Rept. No. 82-02,
University of California, Santa
Barbara, CA, August 20,
1982.

Key Words: proceedings,
methods.

GIF-82

Gifford, D.K.
"Cryptographic Sealing for
Information Security and
Authentication,"
Communications of the ACM,
April 1982, pp. 274-286.

Key Words: authentication,
methods.

GIR-88

Girault, M., R. Cohen,
and M. Campana
"A Generalized Birthday
Attack," Proc. Eurocrypt '88,
Davos, 1988, (8: GUN-89), pp.
129-156.

Key Words: analysis, threat.

GOD-85

Godlewski, P., and
G.D. Cohen
"Some Cryptographic Aspects
of Womcodes," Proc. Crypto
'85, Santa Barbara, CA, 1985,
(8: WIL-86), pp. 458-467.

Key Words: methods, codes.

GOL-82

Goldwasser, S., S. Micali,
and A. Yao
"On Signatures and
Authentication," Proc. Crypto
'82, Santa Barbara, CA, 1982,
(8: CHA-83b), pp. 211-215.

Key Words: signatures,

GOL-82a

Goldwasser, S., and S. Micali
"Probabilistic Encryption and
How to Play Mental Poker
Keeping Secret All Partial
Information," Proceedings, 14th
Annual ACM Symp. on
Theory of Computing, May
1982, pp. 365-377.

Key Words: methods,
protocols.

GOL-82b

Goldwasser, S., S. Micali, and
P. Tong
"How to Establish a Private
Code on a Public Network,"
Proceedings, 23d Annual IEEE
Symposium on Foundations of
Computing, 1982, pp. 134-144.

Key Words: methods, codes.

- GOL-83
Goldreich, O.
"A Simple Protocol for Signing Protocols," Proc. Crypto '83, Santa Barbara, CA, 1983, (8: CHA-84b), pp. 133-135.
- Key Words: signatures, protocols.
- GOL-83a
Goldwasser, S., S. Micali, and A. Yao
"Strong Signature Schemes," Proc., 15th Annual ACM Symp. on Theory of Comp., 1983, pp. 431-439.
- Key Words: methods, signatures.
- GOL-84
Goldreich, O., S. Goldwasser, and S. Micali
"On the Cryptographic Applications of Random Functions," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 276-288.
- Key Words: methods, random.
- GOL-84a
Goldreich, O.
"On Concurrent Identification Protocols," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 387-396.
- Key Words: methods, protocols.
- GOL-84b
Goldwasser, S., and S. Micali
"Probabilistic Encryption," Journal of Comp. and System Science, April 1984, pp. 270-299.
- Key Words: methods, theory.
- GOL-85
Goldwasser, S., S. Micali, and R.L. Rivest
"A 'Paradoxical' Solution to the Signature Problem," Proc., 25d Annual IEEE Symp. on Found. of Comp., 1984, pp. 441-448.
- Key Words: signatures, theory.
- GOL-86
Goldreich, O.
"Two Remarks Concerning the Goldwasser-Micali-Rivest Signature Scheme" Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 104-110.
- Key Words: analysis, signatures.
- GOL-86a
Goldreich, O., S. Micali, and A. Wigderson
"How to Prove All NP Statements in Zero-Knowledge and Methodology of Cryptographic Protocol Design," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 171-185.
- Key Words: protocols, zero.
- GOL-86b
Goldreich, O.
"Toward a Theory of Software Protection," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 426-439.
- Key Words: software, theory.
- GOL-87
Goldreich, O.
"Towards a Theory of Software Protection and Simulation by Oblivious RAMs," Proceedings, 19th ACM Symposium on Theory of Computing, 1987, pp. 182-194.
- Key Words: theory, software.
- GOL-87a
Goldreich, O., and R. Vainish
"How to Solve a Protocol Problem: An Efficiency Improvement," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 73-86.
- Key Words: methods, protocols.
- GOL-89
Goldwasser, S., et al.
"Efficient Identification Schemes Using Two Prover Interactive Proofs," Proc. Crypto '89, Santa Barbara, CA, (8: BRA-90), 1989.
- Key Words: authentication, methods.
- GOO-84
Goodman, R.M.F., and A.J. McAuley
"A New Trapdoor Knapsack Public-key Cryptosystem," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 150-158.
- Key Words: public-key, knapsack.
- GOR-81
Gordon, J.A.
"Towards a Design for Cryptosecure Substitution Boxes," Proc. Crypto '81, Santa Barbara, CA, 1981, (8: GER-82), pp. 53-63.
- Key Words: methods, design.
- GRO-84
Groscolt, H.
"Estimation of Some Encryption Functions Implemented into Smart Cards," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 470-479.
- Key Words: analysis, methods.
- GUA-87
Guam, P.
"Cellular Automaton Public Key Cryptosystem," Complex Systems, 1987, pp. 51-56.
- Key Words: methods, case.

- GUI-88
Guillou, L.C., and J. Quisquater
"A Practical Zero-Knowledge Protocol Fitted to Security Microprocessor Minimizing Both Transmission and Memory," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 123-128.
- Key Words: design protocols, zero.
- GUI-89
Guillou, L., et al.
"Public-Key Techniques: Randomness and Redundancy," Cryptologia, April 1989, pp. 167.
- Key Words: public-key, random
- GUN-88
Gunter, C.G.
"A Universal Algorithm for Homophonic Coding," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 405-414.
- Key Words: algorithms, coding.
- GUN-89
Gunter, C.G.
Advances in Cryptology: Eurocrypt '88 Proceedings, Davos, Switzerland, May 1988, Lecture Notes in Comp. Science No. 330, Springer-Verlag, New York, 1989.
- Key Words: proceedings, general.
- HAR-83
Harari, S.
"Secret Sharing Systems in Digital Communications," in Longo, G. (Ed.), Secure Digital Systems, Springer, Wien, 1983, pp. 105-110.
- Key Words: techniques, design.
- HAR-84
Harari, S.
"Non-Linear Non-Commutative Functions for Data Integrity," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 25-32.
- Key Words: integrity, theory.
- HAR-89
Harn, L., and T. Keisler
"Two New Efficient Cryptosystems Based on Rabin's Scheme: Alternatives to the RSA Cryptosystem," Proc. 5th Security Applicat. Conf., (4: IEE-89c), 1989, pp. 254-262.
- Key Words: methods, public-key.
- HEL-80
Hellman, M.E.
"A Cryptanalytic Time-Memory Tradeoff," IEEE Trans. on Inform. Theory, July 1980, pp. 401-406.
- Key Words: analysis, design.
- HEL-81
"On the Necessity of Cryptanalytic Exhaustive Search," Proc. Crypto '81, Santa Barbara, CA, 1981, (8: GER-82), pp. 1-5.
- Key Words: analysis, methods.
- HEL-82
Hellman, M.E., and J.M. Reyneri
"Distribution of Drainage in DES," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 129-131.
- Key Words: DES, design, methods.
- HEN-81
Henry, P.S.
"Fast Encryption Algorithm for the Knapsack Cryptographic System," Bell System Technical Journal, May-June 1981, pp. 767-773.
- Key Words: algorithm, knapsack.
- HEP-86
Hepshey, J.E., R.K. Yarlanda
Data Encryption and Protection, Plenum Press, New York, 1986.
- Key Words: book, general.
- HER-83
Herlestam, T.
"On the Complexity of Certain Crypto Generators," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 305-308.
- Key Words: complexity, methods.
- HUA-88
Huang, Y.J., and F. Cohen
"Some Weak Points of One Fast Cryptographic Checksum Algorithm and Its Improvement," Computers & Security, October 1988, pp. 503-505.
- Key Words: vulnerabilities, algorithms, check-sum.
- IMP-87
Impagliazzo, R., and M. Yung
"Direct Minimum-Knowledge Computations," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 40-51.
- Key Words: methods, zero.

ING-81

Ingemarsson, I., and C.K. Wong
"A User Authentication Scheme for Shared Data Based on a Trap-Door One-Way Function," Information Processing Letters, April 13, 1981, pp. 63-67.

Key Words: authentication, trap-door, methods.

ING-82

Ingemarsson, I., D.T. Tang, and C.K. Wong
"A Conference Key Distribution System" IEEE Trans. on Inform. Theory, 1982, pp. 714-720.

Key Words: methods, keys, case.

JAM-86

James, N.S., R. Lidl, and H. Niederreiter
"Breaking the Cade Cipher," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 60-63.

Key Words: analysis, case.

JAM-88

Jamnig, P.
"Securing the RSA-Cryptosystem Against Cycling Attacks," Cryptologia, July 1988, pp. 159-164.

Key Words: RSA, analysis, threats.

JAN-82

Janardan, R., and K.B. Lakshmanan
"A Public-Key Cryptosystem Based on the Matrix Cover NP-Complete Problem," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 21-37.

Key Words: public-key, methods.

JAN-87

Jansen, C.J.A., and D.E. Boeke
"Modes of Block Cipher Algorithms and Their Protection Against Active Eavesdropper," Proc. Eurocrypt '87, Amsterdam, 1987, (8: CHA-88a), pp. 281-286.

Key Words: therats, methods, algorithms.

JIN-88

Jingmin, H., and L. Kaicheng
"A New Probabilistic Encryption Scheme," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 413-418.

Key Words: methods, design.

JOR-81

Jordan, J.P.
"A Variant of a Public-key Cryptosystem Based on Goppa Codes," Proc. Crypto '81, Santa Barbara, CA, 1981, (8: GER-82), pp. 25-30.

Key Words: methods, public-key.

JOR-87

Jorissen, F., J. Vandewalle, and R. Govaerts
"Extension of Brickell's Algorithm for Breaking High Density Knapsacks," Proc. Eurocrypt '87, Amsterdam, 1987, (8: CHA-88a), pp. 109-115.

Key Words: analysis, algorithms.

JUE-82

Jueneman, R.R.
"Analysis of Certain Aspects of Output Feedback Mode," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 99-127.

Key Words: DES, analysis, design.

JUE-83

Jueneman, R.R., S.M. Matyas, and C.H. Meyer,
"Authentication with Manipulation Detection Codes," Proc. 1983 IEEE Symp. Sec. & Priv., (5: IEE-83a), pp. 33-54.

Key Words: authentication, codes.

JUE-86

Juenemam, R.R.
"A High Speed Manipulation Detection Code," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 327-346.

Key Words: methods, codes, threats.

JUR-83

Jurgensen, H., and D.E. Matthews
"Some Results on the Information Theoretic Analyses of Cryptosystems," Proc. Crypto '83, Santa Barbara, CA, 1983, (8: CHA-84b), pp. 303-356.

Key Words: analysis, theory, design.

KAH-80

Kahn, D.
"Cryptography Goes Public," IEEE Communications Magazine, March 1980, pp. 19-28.

Key Words: public-key, general.

KAH-82

Kahn, D.
"The Grand Lines of Cryptology's Development," Computers & Security, November 1982, pp. 245-248.

Key Words: methods, general.

KAH-84

Kahn, D.
Kahn on Codes, Macmillan, New York, 1984.

Key Words: book, general.

- KAH-84a
Kahn, D.
"Cryptology and the Origins of Spread Spectrum," IEEE Spectrum, September 1984, pp. 70-80

Key Words: methods, general.
- KAK-83
Kak, S.C.
"Joint Encryption and Error Correction," Proc. 1983 IEEE Symp. Sec. & Privacy, (5: IEE-83a), pp. 55-60.

Key Words: methods, codes.
- KAK-84
Kak, S.C.
"On the Method of Puzzles for Key Distribution," Internat. Journal of Computer and Information Science, April 1984, pp. 103-109.

Key Words: methods, keys.
- KAL-84
Kaliski, B.S.
"Wyner's Analog Encryption Scheme: Results of a Simulation," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 83-94.

Key Words:
- KAL-85
Kaliski, B.S., Jr., R.L. Rivest, and A.T. Sherman
"Is the Data Encryption Standard a Group?," Journal of Cryptology, Vol. 1, No. 1, 1988, pp. 3-36.

Key Words: DES, design, theory.
- KAL-85a
Kaliski, B.S. Jr, R.L. Rivest and A.T. Sherman
"Is DES a Pure Cipher?," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 212-226.

Key Words: DES, design, theory.
- KAR-83
Karnin, E.D., et al.
"On Secret Sharing Systems," IEEE Trans. on Inform. Theory, 1983, pp. 35-41.

Key Words: methods, general.
- KAR-84
Karnin, E.D.
"A Parallel Algorithm for the Knapsack Problem," IEEE Trans. on Computers, May 1984, pp. 404-408.

Key Words: algorithm, knapsack.
- KES-88
Kesim, S.N.
"Encryption: Security with Ciphers," Security Management, October 1988, pp. 45-47.

Key Words: methods, general.
- KOB-87
Koblitz, N.
A Course in Number Theory and Cryptography, Springer, New York, 1987.

Key Words: book, general.
- KOB-87a
Koblitz, N.
"Elliptic Curve Cryptosystems," Mathematics of Computation, 1987, pp. 203-209.

Key Words: methods, theory.
- KOB-89
Koblitz, N.
"Hyperelliptic Cryptosystem," Journal of Cryptology, Vol. 1, No. 3, 1989, pp. 139-150.

Key Words: methods, theory.
- KON-80
Konheim, A.G., et al.
"The IPS Cryptographic Programs," IBM Systems Journal, Vol. 19, No. 2, 1980, pp. 153-283.

Key Words: methods, software.
- KON-81
Konheim, A.G.
Cryptography - A Primer, J. Wiley & Sons, New York, 1981.

Key Words: book, general.
- KON-84
Konheim, A.G.
"Cryptanalysis of ADFGVX Encryption Systems," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 339-341.

Key Words: analysis, method, case.
- KOT-84
Kothari, S.C.
"Generalized Linear Threshold Scheme," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 231-241.

Key Words: methods, theory.
- KOY-87
Koyama, K., and K. Ohta
"Identity-Based Conference Key Distribution Systems," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 175-184.

Key Words: methods, keys.
- KOY-88
Koyama, K., and K. Ohta
"Security of Improved Identity-Based Key Distribution System," Proc. Eurocrypt-87, pp. 11-19.

Key Words: methods, keys.
- KRA-86
Kranakis, E.
Primality and Cryptography, Wiley, New York, 1986.

Key Words: book, general.

- KUR-88
Kurosawa, K., T. Ito, and M. Takeuchi
"Public Key Cryptosystem Using a Reciprocal Number with the Same Intractability as Factoring a Large Number," Cryptologia, October 1988, pp. 225-233.

Key Words: methods, public-key.
- LAG-83
Lagarias, J.C.
"Knapsack Public Key Cryptosystems and Diophantine Approximations," Proc. Crypto '83, Santa Barbara, CA, 1983, (8: CHA-84b), pp. 4-23.

Key Words: public-key, knapsack.
- LAI-89
Laih, C.-S., et al.
"Linearly Shift Knapsack Public Key Cryptosystem," IEEE Journal on Selected Areas in Communications, May 1989, pp. 534-539.

Key Words: methods, knapsack.
- LAK-83
Laksmivarahan, S.
"Algorithms for Public-Key Cryptosystems: Theory and Applications," in M. Yovits, (Ed.), Advances in Computers, Vol. 22, Academic Press, New York, 1983, pp. 45-108.

Key Words: public-key, methods.
- LAM-81
Lamport, L.
"Password Authentication with Insecure Communications," Communications of the ACM, November 1981, pp. 770-772.

Key Words: authentication.
- LEE-88
Lee, P.J., and E.F. Brickell
"An Observation on the Security of McEliece's Public-Key Cryptosystem," Proc. Eurocrypt '88, Davos, 1988 (8: GUN-89), pp. 275-280.

Key Words: analysis, public-key.
- LEI-84
Leighton, A.C., and S.M. Matyas
"The History of Book Ciphers," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 101-113.

Key Words: methods, general.
- LEN-81
Lennon, R.E., et al.
"Cryptographic Authentication of Time-Invariant Quantities," IEEE Trans. on Communications, June 1981, pp. 773-777.

Key Words: authentication.
- LEU-84
Leung, A.K.
"Sequenec Complexity as a Test for Cryptographic Systems," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 468-474.

Key Words: methods, complexity.
- LEV-85
Levin, L.
"One-Way Functions and Pseudo-random Generators," Proc., 17th Annual ACM Symp. on Theory of Computing, 1985, pp. 363-365.

Key Words: Methods, one-way.
- LEV-87
Levine, J., and R. Chandler
"Some Further Applications of Permutation Polynomials," Cryptologia, October 1987, pp. 211-218.

Key Words: methods, theory.
- LID-83
Lidl, R., and W.B. Muller
"Permutation Polynomials in RSA Cryptosystems," Proc. Crypto '83, Santa Barbara, CA, 1983, (8: CHA-84b), pp. 293-301.

Key Words: RSA, methods, theory.
- LID-84
Lidl, R.
"On Cryptosystems Based on Polynomials and Finite Fields," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 10-15.

Key Words: methods, theory.
- LON-82
Longpre, L.
"The Use of Public-Key Cryptography for Signing Checks," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 187-197.

Key Words: signatures, public-key.
- LUB-87
Luby, M., and C. Rackoff
"A Study of Password Security," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 392-397.

Key Words: methods, general.
- MAD-84
Madryga, W.E.
"A High Performance Encryption Algorithm," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 557-570.

Key Words: methods, algorithm.
- MAG-89
Magliveras, S.S., and N.D. Memon
"Algebraic Properties of the PGM Cryptosystem" Proc. Crypto '89, Santa Barbara, CA, 1989 (8: BRA-89).

Key Words: methods, theory, case.

MAS-84

Massey, J.L., and
R.A. Rueppel
"Linear Ciphers and Random
Sequence Generators with
Multiple Clocks," Proc.
Eurocrypt '84, Paris, 1984,
(8: BET-85), pp. 74-87.

Key Words: methods, design.

MAS-88

Massey, J.L.
"An Introduction to
Contemporary Cryptology,"
Proceedings of the IEEE,
May 1988, pp. 533-549.

Key Words: methods, theory,
general.

MAT-86

Matyas, S.M.
"Public Key Registration,"
Proc. Crypto '86, Santa
Barbara, CA, 1986, (8: ODL-
87), pp. 451-458.

Key Words: methods, public-
key.

MAT-88

Matsumoto, T., and H. Imai
"Public Quadratic
Polynomial-Tuples for
Efficient Signature
Verification and Message
Encryption," Proc. Eurocrypt
'88, Davos, 1988, (8: GUN-
89), pp. 419-453.

Key Words: methods,
signatures.

MCC-88

McCurley, K.S.
"A Key Distribution System
Equivalent to Factoring,"
Journal of Cryptology, Vol.
1, No. 2, 1988, pp. 95-105.

Key Words: methods, keys,
case.

MCE-81

McEliece, R.J., and
D.V. Sarwate
"On Sharing Secrets and
Reed-Solomon Codes,"
Communications of the ACM,
September 1981, pp. 583-584.

Key Words: theory, codes.

MEA-87

Meadows, C., and
D. Mutchler
"Matching Secrets in the
Absence of a Continuously
Available Trusted Authority,"
IEEE Trans. on Software
Engr., February 1987, pp.
289-292.

Key Words: methods,
protocols.

MEA-88

Meadows, C.,
"Some Threshold Schemes
Without Central Key
Distribution," Proc. Crypto
'88, Santa Barbara, CA, 1988
(8: GOL-89b).

Key Words: methods, keys.

MEI-82

Meijer, H., and S. Akl
"Digital Signature Schemes,"
Cryptologia, October 1982,
pp. 329-338

Key Words: methods,
signatures.

MEI-85

Meijer, H., and S. Akl
"Two New Secret Key
Cryptosystems," Proc.
Eurocrypt '85, Linz, 1985, (8:
PIC-86), pp. 96-102.

Key Words: methods,
algorithms.

MEI-88

Meier, W., and
O. Staffelbach
"Fast Correlation Attacks on
Stream Ciphers," Proc.
Eurocrypt '88, Davos, 1988,
(8: GUN-89), pp. 301-314.

Key Words: analysis,
methods.

MEI-89

Meier, W., and
O. Staffelbach
"Fast Correlation Attacks on
Certain Stream Ciphers,"
Journal of Cryptology, Vol. 1,
No. 3, 1989, pp. 159-176.

Key Words: analysis, methods.

MER-80

Merkle, R.C.
"Protocols for Public Key
Cryptosystems," Proc. 1980
IEEE Symp. Sec. & Privacy,
(5: IEE-80), pp. 122-134.

Key Words: protocols, public-
key.

MER-81

Merkle, R.C.
"On the Security of Multiple
Encryptions," Communications
of the ACM, July 1981, pp.
465-467.

Key Words: analysis, methods.

MER-82

Merritt, M.
"Key Reconstruction," Proc.
Crypto '82, Santa Barbara,
CA, 1982, (8: CHA-83b), pp.
321-375.

Key Words: methods, keys,
design.

MER-82a

Merkle, R.C.
Security, Authentication, and
Public-Key Systems, University
of Michigan Press, Ann Arbor,
MI, 1982.

Key Words: book, public-key.

MER-87

Merkle, R.C.
"A Digital Signature Based on
a Conventional Encryption
Function," Proc. Crypto '87,
Santa Barbara, CA, 1987, (8:
POM-88), pp. 369-378.

Key Words: methods,
signatures.

- MER-89**
Merkle, R.C.
"A Certified Digital Signature," Proc. Crypto '89, Santa Barbara, CA, 1989, (8: BRA-89).

Key Words: signatures, case.
- MER-89a**
Merkle, R.C.
"One Way Hash Functions and the DES," Proc. Crypto '89, Santa Barbara, CA, 1989, (8: BRA-89).

Key Words: DES, methods, design.
- MEY-82**
Meyer, C.H., and S.M. Matyas
Cryptography - A New Dimension in Computer Data Security, J. Wiley & Sons, New York, 1982.

Key Words: book, general, theory, methods, keys.
- MIC-86**
Micali, S., et al.
"The Notion of Security for Probabilistic Cryptosystems," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 381-392.

Key Words: methods, theory.
- MIC-89**
Micali, S.
"Digital Signatures: The Evolution of a Fundamental Primitive," Proc. Crypto '89, Santa Barbara, CA, 1989, (8: BRA-89).

Key Words: signatures, theory.
- MIL-85**
Miller, V.S.
"Use of Elliptic Curves in Cryptography," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 415-426.

Key Words: methods, theory.
- MOO-85**
Moore, T.E., and S.E. Tavares
"A Layered Approach to the Design of Private Key Cryptosystems," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 227-245.

Key Words: methods, design, case.
- MOO-86**
Moore, J.H., and G.J. Simmons
"Cycle Structures of the DES with Weak and Semiweak Keys," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 187-205.

Key Words: DES, analysis, design.
- MOO-87**
Moore, J.H., and G.J. Simmons
"Cycle Structure of the DES for Keys Having Palindromic (or Anti-palindromic) Sequences of Keys," IEEE Trans. of Software Engr., February 1987, pp. 262-273.

Key Words: DES, analysis, design.
- MOR-81**
Morrison, D.R.
"Subtractive Encryptors -- Alternatives to the DES," Proc. Crypto '81, Santa Barbara, CA, 1981, (8: GER-82), pp. 42-52.

Key Words: DES, methods, case.
- MUL-84**
Mullin, A.A.
"A Note on the Mathematics of Public-Key Cryptosystems," Computers & Security, February 1984, pp. 45-47.

Key Words: public-key, theory.
- NIE-85**
Niederreiter, H.
"A Public-Key Cryptosystem Based on Shift Register Sequences," Proc. Eurocrypt '85, Linz, 1985, (8: PIC-86), pp. 35-39.

Key Words: methods, public-key.
- OCO-87**
O'Connor, L.J. and J. Seberry
The Cryptographic Significance of the Knapsack Problem, Aegean Park Press, Laguna Hills, CA, 1987.

Key Words: book, knapsack, analysis, theory.
- ODL-84**
Odlyzko, A.M.
"Cryptanalytic Attacks on the Multiplicative Knapsack Cryptosystem and on Shamir's Fast Signature System," IEEE Trans. on Inform. Theory, July 1984, pp. 594-601.

Key Words: analysis, knapsack, signatures.
- ODL-84a**
Odlyzko, A.M.
"Discrete Logarithms in Finite Fields and Their Cryptographic Significance," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 225-314.

Key Words: methods, theory.
- ODL-87**
Odlyzko, A.M., (Ed.)
Advances in Cryptology, Proceedings of Crypto '86, Santa Barbara, CA, August 1986, Lecture Notes in Computer Science No. 263, Springer-Verlag, New York, 1987.

Key Words: proceedings, general.

OKA-85

Okamoto, T., and
A. Shiraishi
"A Fast Signature Scheme
Based on Quadratic
Inequalities," Proc. 1985
IEEE Symp. Sec. & Privacy,
1985, (5: IEE-85), pp. 123-
133.

Key Words: methods,
signatures.

OKA-85a

Okamoto, E., and
K. Nakamura
"Lifetimes of Keys in
Cryptographic Key
Management Systems," Proc.
Crypto '85, Santa Barbara,
CA, 1985, (8: WIL-86), pp.
246-259.

Key Words: keys,
management.

OKA-86

Okamoto, E.
"Proposal for Identity-Based
Key Distribution Systems,"
Electronics Letters, Nov. 20,
1986, pp. 1283-1284.

Key Words: methods, keys.

OKA-87

Okamoto, E.
"Key Distribution Systems
Based on Identification
Information," Proc. Crypto
'87, Santa Barbara, CA,
1987, (8: POM-88), pp. 194-
202.

Key Words: keys,
management.

OKA-88

Okamoto, E.
"Substantial Number of
Cryptographic Keys and Its
Application to Encryption
Design," Proc. Eurocrypt '88,
Davos, 1988, (8: GUN-89),
pp. 361-373

Key Words: methods, keys,
design.

OKA-88a

Okamoto, T.
"A Digital Multisignature
Scheme Using Bijective
PublicKey Cryptosystems,"
ACM Trans. on Computer
Systems, November 1988, pp.
432-441.

Key Words: methods,
signatures.

OKA-89

Okamoto, E., and K. Ohta
"Disposable Zero-Knowledge
Authentications and Their
Application to Untraceable
Electronic Cash," Proc. Crypto
'89, Santa Barbara, CA, 1989
(8: BRA-89).

Key Words: methods, zero,
design.

ONG-83

Ong, H., and C.P. Schorr
"Signatures through
Approximate Representations
by Quadratic Forms," Proc.
Crypto '83, Santa Barbara,
CA, 1983, (8: CHA-84b), pp.
117-132.

Key Words: methods,
signatures.

ONG-84

Ong, H., C. Schnorr,
and A. Shamir
"Efficient Signature Schemes
Based on Polynomial
Equations," Proc. Crypto '84,
Santa Barbara, CA, 1984, (8:
BLA-84a), pp. 37-46.

Key Words: methods,
signatures.

PAT-87

Patterson, W.
Mathematical Cryptology for
Computer Scientists and
Mathematicians, Rowman &
Littlefield, Totowa, NJ, 1987.

Key Words: book, theory.

PFI-87

Pfitzmann and M. Waidner
"Networks Without User
Observability," Computers &
Security, April 1987, pp. 158-
166.

Key Words: methods, case.

PIC-86

Pichler, F. (Ed.)
Advances in Cryptology:
Proceedings of Eurocrypt '85,
Linz, Austria, April 1985,
Lecture Notes in Comp.
Science, No. 219, Springer-
Verlag, New York, 1986.

Key Words: proceedings,
general.

PIE-84

Pieprzyk, J.P.
"Algebraical Structures of
Cryptographic
Transformations," Proc.
Eurocrypt '84, Paris, 1984, (8:
BET-85), pp. 16-24.

Key Words: algorithms, theory.

PIE-85

Pieprzyk, J.P.
"On Public-Key Cryptosystems
Built Using Polynomial
Rings," Proc. Eurocrypt '85,
Linz, 1985, (8: PIC-86), pp.
73-78.

Key Words: methods, public-
key.

PIE-85a

Pieprzyk, J.P., D.A. Rutowski
"Modular Design of
Information Encipherment for
Computer Systems," Computers
& Security, September 1985,
pp. 211-218.

Key Words: methods, design.

- PIE-85b
Pieprzyk, J.P.,
D.A. Rutkowski
"Design of Public Key
Cryptosystems Using
Idempotent Elements,"
Computers & Security,
December 1985, pp. 297-308.
- Key Words: design, public-key.
- PIP-89
Piper, F., and M. Walker
"Linear Ciphers and
Spreads," Journal of
Cryptography, Vol. 1, No. 3,
1989, pp. 185-188.
- Key Words: methods, theory.
- POE-85
Poet, R.
"The Design of Special-
Purpose Hardware to Factor
Large Integers," Computer
Physics Communications,
1985, pp. 337-341.
- Key Words: analysis,
hardware.
- POM-83
Pomerance, C., et al.,
"New Ideas for Factoring
Large Integers," Proc. Crypto
'83, Santa Barbara, CA,
1983, (8: CHA-84b), pp. 81-
86.
- Key Words: analysis,
algorithms.
- POM-85
Pomerance, C.
"The Quadratic Sieve
Factoring Algorithm," Proc.
Eurocrypt '84, Paris, (8:
BET-85), pp. 169-182.
- Key Words: analysis,
algorithms.
- POM-88
Pomerance, C., (Ed.)
Advances in Cryptology:
Proceedings of Crypto '87,
Santa Barbara, CA, August
1988, Lecture Notes in
Computer Science No. 293,
Springer, New York, 1988.
- Key Words: proceedings,
general.
- POR-84
Porter, S.
"Cryptology and Number
Sequences: Pseudorandom,
Random, and Perfectly
Random," Computers &
Security, February 1984, pp.
43-44.
- Key Words: algorithms,
theory.
- PRE-89
Preneel, B., et al.
"A Chosen Text Attack on the
Modified Cryptographic
Checksum Algorithm of
Cohen and Huang," Proc.
Crypto '89, Santa Barbara,
CA, 1989, (8: BRA-89).
- Key Words: analysis,
checksum.
- PRO-84
Proctor, N.
"A Self-Synchronizing
Cascaded Cipher System with
Dynamic Control of Error
Propagation," Proc. Crypto
'84, Santa Barbara, CA, 1984,
(8: BLA-84a), pp. 174-190.
- Key Words: methods, design.
- QUI-85
Quisquater, J.-J., Y. Desmedt,
and M. Davio
"The Importance of 'Good'
Key Scheduling Schemes
(How to Make a Secure DES
Scheme with <48-Bit
Keys>?)," Proc. Crypto '85,
Santa Barbara, CA, 1985, (8:
WIL-86), pp. 537-542.
- Key Words: DES, methods,
design.
- QUI-87
Quisquater, J.-J.
"Secret Distribution of Keys
for Public-Key Systems," Proc.
Crypto '87, Santa Barbara,
CA, 1987, (8: POM-88), pp.
203-208.
- Key Words: public-key, keys.
- QUI-89
Quisquater, J., and
J. Delescaille
"How Easy Is Collision
Search? New Results and
Applications to DES," Proc.
Crypto '89, Santa Barbara,
CA, 1989 (8: BRA-89).
- Key Words: DES, methods,
design.
- QUI-89a
Quisquater, J.-J., and K. Vedder
"A Signature with Shared
Verification Scheme," Proc.
Crypto '89, Santa Barbara,
CA, 1989 (8: BRA-89).
- Key Words: verification,
signature.
- QUI-89b
Quisquater, J.-J., (Ed.)
Advances in Cryptology:
Proceedings of Eurocrypt-89,
Houthalen, Belgium, April 10-
13, 1989, Lecture Notes in
Computer Science, Springer-
Verlag, New York, 1989.
- Key Words: proceedings,
general.
- RAO-84
Rao, T.R.N.
"Joint Encryption and Error
Correction Schemes," Proc.,
11th Intern. Symp. on Comp.
Arch., May 1984.
- Key Words: methods, codes.
- RAO-86
Rao, T.R.N., and K.-H. Nam
"Private-Key Algebraic-Coded
Cryptosystems," Proc. Crypto
'86, Santa Barbara, CA, 1986,
(8: ODL-87), pp. 35-48.
- Key Words: methods, codes.

- RAO-87
Rao, T.R.N.
"On Struik-Tilburg
Cryptanalysis of Rao-Nam
Scheme," Proc. Crypto '87,
Santa Barbara, CA, 1987, (8:
POM-88), pp. 458-461.
- Key Words: analysis,
methods, case.
- RAO-89
Rao, T.R.N., and K.H. Nam
"Private-Key Algebraic-Code
Encryptions," IEEE Trans. on
Inform. Theory, July 1989,
pp. 829-833.
- Key Words: methods, codes.
- REE-84
Reeds, J.A., and
J. Manferdelli
"DES Has No Per Round
Linear Factors," Proc. Crypto
'84, Santa Barbara, CA,
1984, (8: BLA-84a), pp. 377-
389
- Key Words: DES, analysis,
design.
- RIT-81
Ritts, R.R.
"Data Encryption Basics and
the Cipher Feedback
Method,"
Telecommunications, June
1981, pp. 39-44.
- Key Words: methods, theory.
- RIV-82
Rivest, R.L., and
A.T. Sherman
"Randomized Encryption
Technique," Proc. Crypto '82,
Santa Barbara, CA, 1982, (8:
CHA-83b), pp. 145-163.
- Key Words: methods, design,
random.
- RIV-84
Rivest, R.L., and A. Shamir
"How to Expose an
Eavesdropper,"
Communications of the ACM,
April 1984, pp. 393-395.
- Key Words: analysis, threat,
methods.
- RUB-81
Rubin, F.
"Decrypting a Stream Cipher
Based on J-K Flip-Flops,"
Cryptologia, January 1981, pp.
51-57.
- Key Words: analysis,
methods.
- RUB-87
Rubin, F.
"Foiling an Exhaustive Key-
Search Attack," Cryptologia,
April 1987, pp. 102-107
- Key Words: analysis,
methods.
- RUE-86
Rueppel, R.
Analysis and Design of
Stream Ciphers, Springer
Verlag, New York, 1986.
- Key Words: book, analysis,
design.
- RUE-88
Rueppel, R.
"Key Agreements Based on
Function Composition," Proc.
Eurocrypt '88, Davos, 1988,
(8: GUN-89), pp. 3-10.
- Key Words: methods, keys.
- RUG-84
Ruggiu, G.
"Cryptography and Complexity
Theories," Proc. Eurocrypt
'84, Paris, 1984, (8: BET-85),
pp. 3-9.
- Key Words: methods,
complexity.
- SAL-88
Salomaa, A.
"A Public-Key Cryptosystem
Based on Language Theory,"
Computers & Security,
February 1988, pp. 83-87.
- Key Words: methods, theory.
- SCH-84
Schnorr, C.P., and W. Alexi
"RSA-bits are $0.5 + e$ Secure,"
Proc. Eurocrypt '84, Paris,
1984, (8: BET-85), pp. 113-
126.
- Key Words: RSA, analysis,
theory.
- SEB-89
Seberry, J., and J. Pieprzyk
Cryptography: An Introduction
to Computer Security, Prentice-
Hall, New York, 1989
- Key Words: book, general.
- SGA-83
Sgarro, A.
"Error Probabilities for Simple
Substitution Ciphers," IEEE
Trans. on Inform. Theory,
1983, pp. 190-198.
- Key Words: methods, analysis,
theory.
- SGA-84
Sgarro, A.
"Equivocations for
Homophonic Ciphers," Proc.
Eurocrypt '84, Paris, 1984, (8:
BET-85), pp. 51-61.
- Key Words: methods, theory.
- SHA-80
Shamir, A.
"The Cryptographic Security of
Compact Knapsacks," Proc.
1980 IEEE Symp. Sec. &
Privacy, (5: IEE-80), pp. 94-98
- Key Words: analysis,
knapsack.

SHA-80

Shamir, A., and R.E. Zippel
"On the Security of the
Merkle-Hellman
Cryptographic Systems,"
IEEE Trans. on Inform.
Theory, May 1980, pp. 339-
340.

Key Words: analysis,
knapsack.

SHA-81

Shamir, A., R.L. Rivest,
and L. Adleman
"Mental Poker," in Klarner,
D.E. (Ed.), Mathematical
Gardner, Wadsworth, NY,
1981, pp. 37-43.

Key Words: methods,
protocols.

SHA-83

Shamir, A.
"On Generation of
Computationally Strong
Pseudo-Random Sequences,"
ACM Trans. on Computer
Systems, May 1983, pp. 38-
44.

Key Words: algorithms,
random.

SHA-84

Shamir, A.
"A Polynomial-Time
Algorithm for Breaking the
Basic Merkle-Hellman
Cryptosystem," IEEE Trans.
of Inform. Theory, September
1984, pp. 525-530.

Key Words: analysis,
algorithm, knapsack.

SHA-84a

Shamir, A.
"Identity-Based
Cryptosystems and Signature
Schemes," Proc. Crypto '84,
Santa Barbara, CA, 1984, (8:
BLA-84a), pp. 45-53.

Key Words: methods,
signatures.

SIE-84

Siegenthaler, T.
"Correlation-Immunity of
Nonlinear Combining
Functions for Cryptographic
Applications," IEEE Trans. of
Inform. Theory, September
1984, pp. 776-780.

Key Words: algorithms,
theory.

SIE-85

Siegenthaler, T.
"Decrypting a Class of Stream
Ciphers Using Ciphertext
Only," IEEE Trans. on
Computers, January 1985, pp.
81-85.

Key Words: analysis,
methods.

SIM-80

Simmons, G.J.
"Secure Communications in
the Presence of Pervasive
Deceit," Proc. 1980 IEEE
Symp. Sec. & Privacy, (5:
IEE-80), pp. 84-93.

Key Words: therats, methods.

SIM-81

Simmons, G.J.
"A System for Point-of-Sale
or Access, User Authentication
and Identification," Proc.
Crypto '81, Santa Barbara,
CA, 1981, (8: GER-82), pp.
31-37.

Key Words: authentication.

SIM-81a

Simmons, G.J.
"Half a Loaf Is Better than
None: Some Novel Message
Integrity Problems," Proc.
1981 IEEE Symp. Sec. &
Privacy, (5: IEE-81), pp. 65-
69.

Key Words: authentication.

SIM-82

Simmons, G.J., and
D. Holdridge
"Forward Search as a
Cryptanalytic Tool Against
Public Key Privacy Channel,"
Proc. 1982 IEEE Symp. Sec.
& Privacy, (5: IEE-82), pp.
117-128.

Key Words: analysis, public-
key.

SIM-82a

Simmons, G.J.
"A Game Theory Model of
Digital Message
Authentication," Congressus
Numerantium, 1982, pp. 413-
424.

Key Words: authentication,
models.

SIM-83

Simmons, G.J.
"The Prisoners' Problem and
the Subliminal Channel," Proc.
Crypto '83, Santa Barbara,
CA, 1983, (8: CHA-84b), pp.
51-67.

Key Words: analysis, methods.

SIM-83a

Simmons, G.J.
"Verification of Treaty
Compliance Revisited," Proc.
1983 IEEE Symp. Sec. &
Privacy, (5: IEE-83a), pp. 61-
66.

Key Words: verification,
methods.

SIM-84

Simmons, G.J.
"Authentication Theory/Coding
Theory," Proc. Crypto '84,
Santa Barbara, CA, 1984, (8:
BLA-84a), pp. 411-431.

Key Words: authentication,
codes, theory.

- SIM-84a
Simmons, G.J.
"The Subliminal Channel and Digital Signatures," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), pp. 364-378.

Key Words: theory, signatures
- SIM-84b
Simmons, G.J.
"Message Authentication: A Game on Hypergraphs," Congressus Numerantium, 1984, pp. 161-192.

Key Words: models, authentication.
- SIM-85
Simmons, G.J.
"A Secure Subliminal Channel (?)" Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 33-41.

Key Words: methods, theory.
- SIM-85a
Simmons, G.J.
"How to (Selectively) Broadcast a Secret," Proc. 1985 IEEE Symp. Sec. & Privacy, (5: IEE-85), pp. 108-113.

Key Words: methods, protocols.
- SIM-86
Simmons, G.J.
"Cryptology," Encyclopedia Britannica, Encyclopaedia Britannica, Inc., Chicago, IL, 1986, pp. 913-924B.

Key Words: methods, general.
- SIM-87
Simmons, G.J.
"An Impersonation-Proof Identity Verification Scheme," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 211-215.

Key Words: authentication, case.
- SIM-87a
Simmons, G.J.
"A Natural Taxonomy for Digital Information Authentication Schemes," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 269-288

Key Words: authentication, theory.
- SIM-88
Simmons, G.J.
"Authentication Codes that Permit Arbitration," Congressus Numerantium, March 1988, pp. 275-290.

Key Words: authentication, codes.
- SIM-88a
Simmons, G.J.
"How to (Really) Share a Secret," Proc. Crypto '88, Santa Barbara, CA, 1988 (8: GOL-89b).

Key Words: methods, protocols.
- SIM-88b
Simmons, G.J., and G.B. Purdy
"Zero-Knowledge Proofs of Identity and Veracity of Transaction Receipts," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 35.

Key Words: protocols, zero.
- SIM-89
Simmons, G.J.
"Prepositioned Shared Secret and/or Shared Control Schemes," Proc. Eurocrypt '89, Houthalen, 1989, (8: QUI-89).

Key Words: methods, protocols.
- SIM-89a
Simmons, G.J.
"A Protocol to Provide Verifiable Proof of Identity and Unforgeable Transaction Receipts," IEEE J. Selected Areas in Comm., May 1989, pp. 435-447.

Key Words: methods, protocols.
- SLO-82
Sloane, N.J.A.
"Error-Correcting Codes and Cryptology, Part 1," Cryptologia, April 1982, pp. 128-153.

Key Words: methods, codes.
- SLO-82a
Sloane, N.J.A.
"Error-Correcting Codes and Cryptology, Part 2," Cryptologia, July 1982, pp. 258-278.

Key Words: methods, codes.
- SME-84
Smeets, B.J.M.
"On the Use of the Binary Multiplying Channel in a Private Communication Channel," Proc. Eurocrypt '84, Paris, 1984, (8: BET-85), 339-348.

Key Words: methods, design.
- SME-85
Smeets, B.
"A Comment on Niederreiter's Public-Key Cryptosystem," Proc. Eurocrypt '85, Linz, 1985, (8: PIC-86), pp. 40-42.

Key Words: analysis, public-key.
- SPE-83
Spencer, M.E., and S.E. Tavares
"A Layered Broadcast Cryptographic System," Proc. Crypto '83, Santa Barbara, CA, 1983, (8: CHA-84b), pp. 157-170.

Key Words: methods, case.

- STI-87
 Stinson, D.R., and S.A. Vanstone
 "A Combinatorial Approach to Threshold Schemes," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 330-339.
 Key Words: methods, keys.
- STI-87a
 Stinson, D.R.
 "A Construction of Authentication/Secrecy Codes from Certain Combinatorial Designs," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 255-366.
 Key Words: authentication, codes, design, case.
- STI-88
 Stinson, D.R.
 "Some Constructions and Bounds for Authentication Codes," Journal of Cryptology, Vol. 1, No. 1, 1988, pp. 37-64.
 Key Words: authentication, theory design, codes.
- STI-88a
 Stinson, D.R.
 "A Construction for Authentication/Secrecy Codes from Certain Combinatorial Designs," Journal of Cryptology, Vol. 1, No. 2, 1988, pp. 119-127.
 Key Words: authentication, codes, design, theory.
- STR-87
 Struik, R., and J. van Tilburg
 "The Rao-Nam Scheme in Insecure Against a Chosen Plaintext Attack," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 445-457.
 Key Words: analysis, case.
- TAN-87
 Tanaka, H.
 "A Realization Scheme for the Identity-Based Cryptosystem," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 340-349.
 Key Words: methods, design.
- TED-84
 Tedrick, T.
 "Fair Exchange of Secrets," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 434-438.
 Key Words: methods, protocols.
- TOM-86
 Tompa, M., and H. Woll
 "How to Share a Secret With Cheaters," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 261-265.
 Key Words: methods, protocols.
- TSU-89
 Tsujii, S., and T. Itoh
 "An ID-Based Cryptosystem Based on Discrete Logarithm Problem," IEEE Journal on Selected Areas in Communications, May 1989, pp. 467-473.
 Key Words: methods, case.
- VAL-88
 Vallee, B., et al.
 "How to Break Okamoto's Cryptosystem by Reducing Lattice Bases," Proc. Eurocrypt '88, Davos, 1988, (8: GUN-89), pp. 281-291.
 Key Words: analysis, methods.
- VAN-85
 van Tilborg, J., and D.E. Boeke
 "Divergence Bounds on Key Encryption and Error Probability in Cryptanalysis," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 489-513.
 Key Words: methods, keys, theory.
- VAN-87
 van de Graaf, J., and R. Peralta
 "A Simple and Secure Way to Show the Validity of Your Public Key," Proc. Crypto '87, Santa Barbara, CA, 1987, (8: POM-88), pp. 128-134.
 Key Words: methods, public-key.
- VAN-88
 van Tilborg, J.
An Introduction to Cryptology, Kluwer Academic Publishers, Norwell, MA, 1988.
 Key Words: book, general.
- VAR-85
 Varadharajan, V.
 "Extension of RSA Cryptosystems to Matrix Rings," Cryptologia, April 1985, pp. 140-153.
 Key Words: RSA, theory, case.
- VAR-85a
 Varadharajan, V.
 "Trapdoor Rings and Their Use in Cryptography," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 369-395.
 Key Words: methods, theory.
- WAG-84
 Wagner, N.R.
 "A Public-Key Cryptosystem Based on the Word Problem," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 19-36.
 Key Words: methods, case.

- WAG-84a
Wagner, N.
"Search for Public-Key Cryptosystems," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 91-98.

Key Words: methods, public-key.
- WAG-85
Wagner, N.R., P.S. Putter, and M.R. Cain
"Using Algorithms as Keys in Stream Ciphers," Proc. Eurocrypt '85, Linz, 1985, (8: PIC-86), pp. 149-155.

Key Words: methods, keys.
- WAG-86
Wagner, N.
"Large-Scale Randomization Techniques," Proc. Crypto '86, Santa Barbara, CA, 1986, (8: ODL-87), pp. 393-404.

Key Words: methods, random.
- WEB-85
Webster, A.F., and S.E. Tavares
"On the Design of S-Boxes," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 523-534.

Key Words: DES, analysis, design.
- WEI-83
Weingarten, F.W.
"Controlling Cryptographic Publication," Computers & Security, Jan. 1983, pp. 41-48.

Key Words: policy, research.
- WIL-80
Williams, H.C.
"A Modification of the RSA Public-Key Cryptosystem," IEEE Trans. on Inform. Theory, November 1980, pp. 726-729.

Key Words: RSA, methods, design.
- WIL-82
Willett, M.
"A Tutorial on Public Key Cryptosystems," Computer & Security, January 1982, pp. 72-79.

Key Words: methods, public-key.
- WIL-84
Williams, H.C.
"Some Public-Key Cryptofunctions As Intractable as Factorization," Proc. Crypto '84, Santa Barbara, CA, 1984, (8: BLA-84a), pp. 66-70.

Key Words: methods, public-key.
- WIL-85
Williams, H.C.
"An M3 Public-Key Encryption Scheme," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 358-368.

Key Words: methods, public-key.
- WIL-86
Williams, H. (Ed.)
Advances in Cryptology, Proceedings of Crypto '85, Santa Barbara, CA, August 1985, Lecture Notes in Computer Science, No. 218, Springer-Verlag, New York, 1986

Key Words: proceedings, general.
- WIN-82
Winternitz, R.S.
"Security of a Keystream with Secret Initial Value," Proc. Crypto '82, Santa Barbara, CA, 1982, (8: CHA-83b), pp. 133-137.

Key Words: analysis, methods.
- WIN-83
Winternitz, R.S.
"Producing a One-Way Hash Function from DES," Proc. Crypto '83, Santa Barbara, CA, 1983, (8: CHA-84b), pp. 203-207.

Key Words: DES, methods, design.
- WIN-84
Winternitz, R.S.
"A Secure One-Way Hash Function Built from DES," Proc. 1984 IEEE Symp. Sec., (5: IEE-84), pp. 121-126.

Key Words: DES, methods, design.
- WIN-87
Winternitz, R., and M. Hellman
"Chosen-Key Attacks on a Block Cipher," Cryptologia, January 1987, pp. 16-20.

Key Words: analysis, methods.
- WOL-85
Wolfram, S.
"Cryptography with Cellular Automata," Proc. Crypto '85, Santa Barbara, CA, 1985, (8: WIL-86), pp. 429-432.

Key Words: methods, case.
- WUN-83
Wunderlich, M.C.
"Factoring Numbers on the Massively Parallel Computer," Proc. Crypto '83, Santa Barbara, CA, 1983, (8: CHA-84b), pp. 87-102.

Key Words: analysis, methods, hardware.
- WUN-83a
Wunderlich, M.C.
"Recent Advances in the Design and Implementation of Large Integer Factorization Algorithms," Proc. 1983 IEEE Symp. Sec. & Privacy, (5: IEE-83a), pp. 67-71.

Key Words: analysis, algorithms.

YAC-89

Yacobi, Y., and Z. Shmuley
"On Key Distribution
Systems," Proc. Crypto '89,
Santa Barbara, CA, 1989 (8:
BRA-89).

Key Words: methods, keys.

YAG-85

Yagisawa, M.
"A New Method for
Realizing Public-Key
Cryptosystems," Cryptologia,
October 1985, pp. 360-371.

Key Words: methods, public-
key.

YAM-86

Yamamoto, H.
"On Secret Sharing
Communication Systems with
Two or Three Channels,"
IEEE Trans. Inform. Theory,
May 1985.

Key Words: methods,
protocols.

YAO-82

Yao, A.C.
"Theory and Applications of
Trapdoor Functions," Proc.,
23d IEEE Symposium on
Foundations of Comp.
Science, November 1982, pp.
80-91.

Key Words: methods, theory.

YAO-82a

Yao, A.C.
"Protocol for Secure
Computation," Proc., 23d
IEEE Symposium on
Foundations of Computer
Science, November 1982, pp.
160-164.

Key Words: methods,
protocols.

YAO-86

Yao, A.C.
"How to Generate and
Exchange Secrets," Proc., 27th
IEEE Symposium on
Foundations of Computer
Science, October 1986, pp.
162-167.

Key Words: methods,
protocols.

YUK-89

Yu, K.W., and T.L. Yu
"Data Encryption Based on
Time Reversal Algorithms,"
The Computer Journal, (U.K.),
June 1989, pp. 241-245.

Key Words: methods,
algorithms.

YUN-84

Yung, M.
"Cryptoprotocols: Subscription
to a Public Key, the Secret
Blocking and the Multi-Player
Mental Poker Game," Proc.
Crypto '84, Santa Barbara,
CA, 1984, (8: BLA-84a), pp.
439-453.

Key Words: methods,
protocols.

ZHE-89

Zheng, Y., T. Matsumoto, and
H. Imai
"On the Construction of Block
Ciphers and Not Relying on
Any Unproved Hypotheses,"
Proc. Crypto '89, Santa
Barbara, CA, 1989 (8: BRA-
89).

Key Words: methods, design.

ZOR-87

Zorbet, G.
"Breaking the Enemy's Code,"
IEEE Spectrum, September
1987, pp. 47-51.

Key Words: analysis, methods.

9. Privacy

This section cites publications on the problem of protecting information privacy in computer-based record-keeping systems, descriptions of the privacy problem, legislative measures in the United States and internationally, privacy aspects of international transborder data flows (TDF), and problems in specific application areas (e.g., credit reporting, criminal justice, employment, health care).

ABA-82

Invited Papers on Privacy: Law, Ethics, and Technology. National Symposium on Personal Privacy and Information Technology, American Bar Association and AFIPS, Washington, DC, 1982.

Key Words: proceedings, general.

ABA-82a

Report on a National Symposium on Personal Privacy and Information Technology, American Bar Association and AFIPS, Washington, DC, 1982.

Key Words: proceedings, general.

ABA-84

Abass, O.
"Guidelines for Informatics Laws in Africa," Transnational Data Report, Aug/Sept. 1984, pp. 325-326.

Key Words: guidelines, foreign, laws.

ACL-89

Litigation Under the Federal Freedom of Information Act and Privacy Act, American Civil Liberties Union, Washington, DC, 1989.

Key Words: FOI, PA, laws, use.

ADA-84

Adams, J.M.
"Canada's Future TDF Policy: Reconciling Free Flow of Information with National Sovereignty," Transnational Data Report, Oct/Nov. 1983, pp. 405-411.

Key Words: TDF, policy, foreign.

ADL-85

Adler, A.
Litigation Under the Federal Freedom of Information Act and Privacy Act, Center for National Security Studies, Washington, DC, 1985.

Key Words: FOI, PA, laws, use.

ALB-84

Albanese, S.
Justice, Privacy, and Crime Control, University Press of America, Lanham, MD, 1984.

Key Words: laws, criminal, records, use.

ALL-83

Allen, F.A.
"1984 and the Eclipse of Private Worlds," Michigan Quarterly Review, Fall 1983.

Key Words: analysis, general.

ASA-87

"Privacy Rights in Personal Information," Annual Survey of American Law, June 1987, pp. 495-666.

Key Words: laws, protection.

AUE-83

Auerbach, L.
"Privacy and Canadian Telecommunication Regulation," Telecommunications Policy, March 1983, p. 35+

Key Words: laws, foreign.

AUE-84

Auerbach, I.L.
"Professional Responsibility for Information Privacy," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 3-10.

Key Words: management, records.

AUE-85

Auerbach, I.L.
"Professional Responsibility for Information Privacy," Computers & Security, June 1985, pp. 103-107.

Key Words: management, records.

BAS-84

Basche, J.R., Jr.
Regulating International Data Transmission: The Impact on Managing International Business, Report No. 852, The Conference Board, New York, 1984.

Key Words: TDF, policy, foreign.

BAS-89

Bass, G., and D. Plocher
"Strengthening Federal
Information Policy:
Opportunities and Realities at
OMB," Software Law
Journal, Summer 1989, pp.
413-459.

Key Words: policy,
government.

BEC-84

Becker, J.
Information Technology and
a New International Order,
Transnational Data Reporting
Service, Springfield, VA,
1984.

Key Words: book, general.

BEE-84

Beer, B.
"Legal Aspects of Automatic
Trade Data Exchange,"
Transnational Data Report,
Jan/Febr., 1984, pp. 52-57.

Key Words: TDF, laws, case.

BEL-83

Beling, C.T.
"Transborder Data Flow:
International Privacy
Protection and Free Flow of
Information," Boston College
International & Computer
Law Review, Spring 1983,
pp. 591-624.

Key Words: TDF, policy,
laws.

BEL-83a

Belkin, N. et al.
"Mass-Informatics and Their
Implications on Every-Day
Life," Information Processing
83, Proc. IFIP Congr. Paris,
North-Holland, Amsterdam,
1983.

Key Words: proceedings,
general.

BEM-82

Berner, R.W.
"Incorrect Data and Social
Harm," Computer Security
Journal, Winter 1982, pp. 51-
56.

Key Words: management,
threats.

BEQ-81

Bequai, A.
The Cashless Society: EFTS
at the Crossroads, J. Wiley &
Sons, New York, 1981.

Key Words: book, general.

BER-87

Berman, J.J.
"National Security vs. Access
to Computer Databases: A
New Threat to Freedom of
Information," Software Law
Journal, Winter 1987, pp. 1-
15.

Key Words: FOI, threat,
policy.

BER-89

Berkvens, J.
"Dutch Banks' Privacy Code
of Conduct," Transnational
Data Report, June/July 1988,
pp. 12-17.

Key Words: policy, foreign,
case.

BER-89a

Berman, J.J.
"The Right to Know: Public
Access to Electronic Public
Information," Software Law
Journal, Summer 1989, pp.
491-530.

Key Words: rights, records.

BER-89b

Berman, J., and J. Goldman
A Federal Right of
Information Privacy: The
Need for Reform, Benton
Foundation, Washington, DC,
1989.

Key Words: book, PA,
general.

BIG-86

Bigelow, R.
"Computers and Privacy -- An
American Perspective,"
Information Age, (U.K.), July
1986, pp. 134-140.

Key Words: rights, laws.

BIN-83

Bing, J.
"New Technology and the
Law: Likely Impact and Future
Trends," Computers & Law,
February 1983, pp. 2-6.

Key Words: rights, laws,
records.

BIN-83a

Bing, J.,
"Computers and Law -- The
Regulatory Environment of
Information Services," Proc.
IFIP/Sec. '83, Stockholm,
1983, (2: FAK-83), pp. 253-
264.

Key Words: requirements,
rights.

BIN-86

Bing, J.
"Beyond 1984: The Law and
Information Technology in
Tomorrow's Society,"
Information Age (U.K.), April
1986, pp. 85-94.

Key Words: requirements,
laws.

BIS-88

Biskup, J., and
H.H. Bruggeman
"The Personal Model of Data,"
Computers & Security,
December 1988, pp. 575-597.

Key Words: records, general.

- BIS-89
Biskup, J.
"Protection of Privacy and Confidentiality in Medical Information Systems: Problems and Guidelines," Proc. IFI WG 11.3 (Data Base) Workshop, (6: IFI-89), 1989.

Key Words: protection, medical.
- BRA-84
Branscomb, A.W.
"The Legal Infrastructure for Global Information Flows," Transnational Data Report, June/July 1984, pp. 247-251.

Key Words: TDF, laws, design.
- BRO-84
Brown, R.W.
"A Model Code for Transnational Commerce?," Transnational Data Report, March 1984, pp. 117-124.

Key Words: regulation, TDF.
- BRT-85
International Information Flow A Plan For Action, The Business Roundtable, New York, January 1985.

Key Words: TDF, guidelines.
- BUR-84
Burnham, D.
The Rise of the Computer State, Random House, Westminster, MD, 1984

Key Words: threats, general.
- BUR-84a
Burkert, H.
"Information Law Problems For the Eighties," Transnational Data Report, Aug/Sept. 1984, pp. 331-336.

Key Words: laws, requirements.
- BUR-84b
Burton, R.P., and R.D. Malmrose
"The Effects of Recent Privacy Laws on Rights of Deceased Persons," Transnational Data Report, June/July 1984, pp. 237-242.

Key Words: laws, case.
- BUR-85
Burgess, B.C.
"Restrictions in Data Transfer and Use," Transnational Data Report, June 1985, pp. 217-219.

Key Words: TDF, requirements.
- BUR-87
Burton, R.P., and R.D. Malmrose
"Impact of Privacy Laws on Religious Organizations," Transnational Data Report, June 1987, pp. 5-9.

Key Words: laws, case.
- CEC-84
New Information and Communication Technologies and Data Protection, Information Technology Task Force, Council of European Communities, Brussels, 1984.

Key Words: requirements, rights.
- CHA-83
Chavda, H.
"Data Protection in the Computing Industry--A Survey," Information Age (UK), October 1983, pp. 211-221.

Key Words: protection, case.
- CHA-84
Chaum, D.
"A New Paradigm for Individuals in the Information Age," Proc. 1984 IEEE Symp. on Sec. & Privacy, (5: IEE-84), pp. 99-103.

Key Words: protection, rights.
- CHA-84a
Chamoux, J., and F. Chamoux
"French Data Protection: The First Five Years," Transnational Data Report, April/May 1984, pp. 163-166.

Key Words: laws, foreign.
- CHC-87
Open and Shut: Enhancing the Right to Know and Right to Privacy, Canadian House of Commons, Canadian Government Printing, Ottawa, March 1987.

Key Words: laws, rights, foreign.
- CHE-84
Cheah, C.W.
"An Econometric Analysis of TDF Regulation," Transnational Data Report, December 1984, pp. 475-479

Key Words: TDF, analysis, case.
- CHP-87
Information Technology and the Erosion of Privacy, Report of the Commission on Humanities and Public Affairs, Claremont Graduate School, Claremont, CA, 1987.

Key Words: requirements, rights.
- CLA-81
Clariana, G.G.
"TDF, Data Protection and International Law," Transnational Data Report, July/August 1981, pp. 31-35.

Key Words: TDF, rights, foreign.
- CLA-88
Clarke, R.A.
"Information Technology and Dataveillance," Communications of the ACM, May 1988, pp. 498-512.

Key Words: surveillance, rights.

CLU-88

Clukey, L.
"The Electronic
Communications Privacy Act
of 1986: The Impact on
Software Communication
Technologies," Software Law
Journal, Spring 1988, pp.
243-263.

Key Words: analysis, laws.

COE-81

Convention on Protection of
Individuals with Regard to
Automatic Processing of
Personal Data, Council of
Europe, Strassbourg, France,
28 January 1981.

Key Words: protection,
foreign.

COE-81a

Regulations for Automated
Medical Data Banks,
Recommendation R(81)1,
Council of Europe,
Strassbourg, France, 1981.

Key Words: protection,
foreign medical, records..

COE-83

The Protection of Users of
Computerized Legal
Information Services,
Recommendation R(83)3,
Council of Europe,
Strassbourg, France, 1984.

Key Words: protection,
foreign private, records.

COE-84

Protection of Personal Data
Used for Scientific Research
and Statistics,
Recommendation R(83)10,
Council of Europe,
Strassbourg, France, 1984.

Key Words: protection,
foreign. statistical, social.

COE-86

Protection of Personal Data
Used for Purposes of Direct
Marketing, Recommendation
R(85)20, Council of Europe,
Strassbourg, France, 1986.

Key Words: protection,
foreign private, records.

COE-86a

Protection of Personal Data
Used for Social Security
Purposes, Recommendation
R(88)1, Council of Europe,
Strassbourg, France, 1986.

Key Words: protection,
foreign, social, records.

COE-88

Regulating the Use of
Personal Data in the Police
Sector, Recommendation
R(87)15, Council of Europe,
Strassbourg, France, 1988.

Key Words: protection,
foreign, criminal, records.

COE-89

"Protection of Personal Data
Used for Employment
Purposes," Council of Europe
Recommendation No. R(89)2,
Transnational Data Report,
March 1989, pp. 26-28.

Key Words: protection,
records, employment.

COE-89a

New Technologies: A
Challenge to Privacy
Protection?, Council of
Europe, Strassbourg, France,
1989.

Key Words: requirements,
foreign.

COL-85

Cole, P.E.
"New Challenges to the U.S.
Multinational Corporations in
European Community: Data
Protection Laws," N.Y.U.
Journal on International Law
and Politics, Summer 1985,
pp. 893-947.

Key Words: TDF, foreign,
analysis.

COM-83

"Computerized Bank Accounts,
Credit Cards, and George
Orwell's 1984," Computers and
People, March/April 1983, pp.
27+

Key Words: threats, rights.

CON-80

International Data Flow,
Hearings Before Committee on
Government Operations, House
of Representatives, U.S.
Congress, Washington, DC,
1980.

Key Words: TDF, laws,
Congress.

CON-80a

International Information Flow
Flow: Forging a New
Framework, House Report No.
96-1535, U.S. Congress,
Washington, DC, December
11, 1980.

Key Words: TDF, Congress.

CON-83

Oversight of Computer
Matching to Detect Fraud and
Mismanagement in
Government Programs,
Hearings, Senate Subcommittee
on Oversight of Government
Affairs, Washington, DC,
1983.

Key Words: Congress,
matching.

CON-83a

Who Cares About Privacy? Oversight of the Privacy Act of 1974 by Office of Management and Budget and by Congress, No. 98-455, House of Representatives, U.S. Congress, Washington, DC, 1983.

Key Words: Congress, PA, oversight.

CON-83b

Oversight of the Privacy Act of 1974, Hearings, House Committee on Government Operations, U.S. Congress, Washington, DC, 1983.

Key Words: Congress, PA, oversight.

CON-85

Unauthorized Access to Individual Medical Records, Hearings, House Committee on Judiciary, Subcommittee on Civil and Constitutional Rights, U.S. Congress, Washington, DC, 1985.

Key Words: protection, medical.

CON-86

Computer Matching and Privacy Act of 1986, Hearings, Subcommittee on Oversight of Government Management, Senate Committee on Government Affairs, U.S. Congress, Washington, DC, 1986.

Key Words: Congress, matching.

CON-86a

Electronic Communications Privacy Act of 1986, P.L. 99-508, (18 U.S.C. 2703), 1986, U.S. Congress, Washington, DC, 1986.

Key Words: Congress, laws.

CON-87

Computer Matching and Privacy Act of 1987, Hearings, Subcommittee of House Committee on Government Operations, U.S. Congress, Washington, DC, 1987.

Key Words: Congress, matching.

CON-88

Computer Matching and Privacy Act of 1988, Report 100-802, House Committee on Government Operations, U.S. Congress, Washington, DC, July 27, 1988.

Key Words: Congress, matching.

CON-88a

The Computer Matching and Privacy Act of 1988, P.L. 100-503, (5 U.S.C. 552a), U.S. Congress, Washington, DC 1988.

Key Words: Congress, matching.

COO-81

Cooper, G.R., and R.R. Belair Privacy and the Private Employer, Bureau of Justice Statistics, U.S. Department of Justice, Washington, DC, 1981.

Key Words: guidelines, employment.

COO-83

Coombe, G.W., and S.L. Kirk "Privacy, Data Protection and Transborder Data Flows: A Corporate Response," The Business Lawyer, November 1983, pp. 33-66.

Key Words: TDF, policy, case.

CUL-87

"Protecting Individual Privacy in Shadow of a National Data Base," Capital University Law Review, Fall '87, pp. 117-141.

Key Words: threats, government.

DAM-83

Damman, U. "Auditing Data Protection" Transnational Data Report, April-May 1983, pp. 161-163.

Key Words: management, records.

DOC-88

Dockrill, C. "Computer Data Banks and Personal Information: Protection Against Negligent Disclosure," Dalhousie Law Journal, March 1988, pp. 546-580.

Key Words: protection, records.

DOJ-85

Criminal Justice Information Policy: Intelligence and Investigative Records, U.S. Department of Justice, Bureau of Justice Statistics, NCJ-95787, Washington, DC, February 1985.

Key Words: policy, criminal, rights.

DON-81

Donovan, T.G. "Data Protection's Many Tentacles," Proc. Comp. Sec. & Priv. Symposium, Phoenix, AR, 1981, (1: HON-81), pp. 13-24.

Key Words: laws, records, general.

DUB-83

Dubrow, A. "Your Medical Records: How Private Are They?," California Lawyer, Apr. 1983, p. 33+.

Key Words: threats, medical, records.

DUF-82

Duffy, D.J.
"Privacy vs. Disclosure:
Balancing Employee and
Employer Rights," Employee
Relations Law Journal,
Spring 1982, pp. 594-609.

Key Words: rights,
employment.

EAT-86

Eaton, J.W.
Card-Carrying Americans:
Privacy, Security, and the
National ID Card Debate,
Rowman & Littlefield,
Totowa, NJ, 1986.

Key Words: book, laws,
rights.

ENN-84

Ennison, T., Jr.
"Sovereignty Considerations
in TDF: Developing-Country
Perspective," Transnational
Data Report, April/May 1984,
pp. 175-181.

Key Words: TDF, rights,
foreign.

EVA-81

Evans, A.C.
"European Data Protection
Law," American J. of
Comparative Law, Fall 1981,
pp. 571-582.

Key Words: laws, foreign,
TDF.

EVE-80

Everest, G.C.
"Nonuniform Privacy Laws:
Implications at Attempts at
Uniformity," Hoffman, L.J.
(Ed.), Computers and Privacy
in the Next Decade,
Academic Press, New York,
1980, pp. 141-150.

Key Words: guidelines, laws.

FAR-83

Farnsworth, D.P.
"Data Privacy: An American
View of European
Legislation," Transnational
Data Report, July/August
1983, pp. 285-290.

Key Words: laws, foreign.

FIS-80

Fishman, W.L.
"Introduction to Transborder
Data Flow," Stanford Journal
of Internat. Law, Summer
1980, pp. 1-26.

Key Words: TDF, policies,
rights.

FIS-81

Fisher, J.F.
"Access to Fair Credit
Reports: Current Practices and
Proposed Legislation,"
American Business Law
Journal, Fall 1981, pp. 319-
342.

Key Words: credit, laws,
rights.

FLA-84

Flaherty, D.H.
Nineteen Eighty-Four and
After, Final Report of
Bellagio Conf. University of
Western Ontario, London,
Ontario, May 15, 1984.

Key Words: proceedings,
rights.

FLA-84a

Flaherty, D.H., E.H. Hanis,
and S.P. Mitchell
Privacy and Access to
Government Data for
Research: An International
Bibliography, Knowledge
Industry Publicat., White
Plains, NY, 1984.

Key Words: book, general.

FLA-85

Flaherty, D.H.
Protecting Privacy in Two-
Way Electronic Services,
Knowledge Industry Publicat.,
White Plains, NY, 1985.

Key Words: book, rights,
laws.

FLA-85a

Flaherty, D.H.
Privacy and Data Protection:
An International Bibliography,
Knowledge Industry Publicat.,
White Plains, NY, 1985.

Key Words: book, general.

FLA-86

Flaherty, D.
"Governmental Surveillance
and Bureaucratic
Accountability: Data Protection
Agencies in the Western
Societies," Science,
Technology and Human
Values, No. 1, 1986, pp. 1-12.

Key Words: laws, rights,
foreign.

FLA-86a

Flaherty, D.
"On Making Data Protection
Effective," Transnational Data
Report, April 1986, pp. 15-16.

Key Words: laws, protection.

FLA-89

Flaherty, D.H.
Protecting Privacy in
Surveillance Societies,
University of North Carolina
Press, Chapel Hill, NC, 1989.

Key Words: book, laws,
foreign.

FLE-86

Fletcher, P.T.
"Current Issues in
Confidentiality: Computerized
Information Systems, Medical
Records, and Patients' Rights,"
Computers & Society,
Summer/Fall 1986, pp. 8-18.

Key Words: rights, medical.

- FLR-84
 "Damages Under the Privacy Act of 1974: Compensation and Deterrence," Fordam Law Review, March 1984, p. 611+.
- Key Words: PA, protection, uses.
- FRE-81
 Freese, J.
 "The Vulnerability of Computerized Society," Transnational Data Report, July/August 1981, pp. 21-25.
- Key Words: threats, laws.
- FRE-83
 Freese, J.
 "The Right to Be Alone in Sweden," Transnational Data Report, December 1983, pp. 447-449.
- Key Words: rights, foreign.
- FRE-87
 Freedman, W.
The Right of Privacy in the Computer Age, Quorum Books, New York, 1987.
- Key Words: book, rights, laws.
- FUT-83
 "Orwell's 1984: How Close to the Truth?," Special Issue, The Futurist, December 1983.
- Key Words: threats, general.
- GAO-85
Eligibility Verification and Privacy in Federal Benefit Programs: A Delicately Balanced Act, GAO/HRD-85-22, U.S. General Accounting Office, Washington, DC, March 1, 1985.
- Key Words: government, matching.
- GAO-86
Privacy Act: Federal Agencies' Implementation Can Be Improved, GAO/GGD-86-107, U.S. General Accounting Office, Washington, DC, August 1986.
- Key Words: PA, oversight, laws.
- GAR-85
 Garzon, G.
 "Legal Framework for International Information" Transnational Data Report, March 1985, pp. 101-107.
- Key Words: TDF, laws, foreign.
- GAS-85
 Gassman, H.P. (Ed.)
Transborder Data Flows. Proceedings of 1973 OECD Conference, North-Holland/Elsevier Science Publishing Co., New York, 1985.
- Key Words: proceedings, general.
- GEB-88
 Gebhardt, H.-P.
 "Data Protection in Telecommunication Services," Transnational Data Report, June/July, 1988, pp. 18-23.
- Key Words: TDF, protection.
- GES-82
 Gest, T., and P.M. Scherschel
 "Report on Privacy: Who Is Watching You," U.S. News & World Report, July 12, 1982, pp. 34-37.
- Key Words: threats, rights.
- GOL-89
 Golden, J.S.
 "Information on the Federal Government's Electronic Databases: Is There a First Amendment Right of Access?," Software Law Journal, Winter 1989, pp. 65-90.
- Key Words: government, laws.
- GOT-84
 Gotlieb, C.C.
 "Equity in Access to Information," Proc. IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 29-39.
- Key Words:
- GRA-84
 Gray, J., L.B. McSweeney, and J.C. Shaw
Information Disclosure and the Multinational Corporation, John Wiley & Sons, Ltd., Chichester, UK, 1984.
- Key Words: book, TDF, laws.
- GRA-86
 Grandjean, J.R.
 "Computerized Medical Data -- Privacy and Delinquency Issues," Proc. IFIP/Sec. '86, Monte Carlo, 1986, (2: GRI-89).
- Key Words: records, medical.
- GRE-80
 Greguras, F.M.
 "Information Systems and Privacy Issues in the U.S.A.," Information Privacy (U.K.), May 1980, pp. 90-97.
- Key Words: rights, general.
- GRE-81
 Greguras, F.M.
 "Anticipating the Impact of EFTS on Privacy & Information Practices," Proc. Comp. Sec. & Priv. Symp., Phoenix, AR, (1: HON-81), pp. 25-45.
- Key Words: EFTS, requirements.
- GRO-82
 Grossman, G.S.
 "Transborder Data Flow: Separating the Privacy Interests of Individuals and Corporations," Northwestern Journal of International Law and Business, Spring 1982, pp. 9-11.
- Key Words: TDF, laws, general.

- GUR-84
Gurry, F.
Breach of Confidence,
Oxford University Press,
Clarendon (UK), 1984.
- Key Words: book, rights,
laws.
- HAE-84
Haack, L.
"Transborder (Private) Data
Flow and the International
Airlines," Transnational Data
Report, Aug/Sept. 1984, pp.
343-345.
- Key Words: TDF, policy,
foreign.
- HAM-84
Hamelink, C.J.
Transnational Data Flows in
the Information Age,
Transnational Data Reporting
Service, Springfield, Va,
1984.
- Key Words: TDF, policy,
foreign.
- HAR-84
Harris, L. et al.
The Road After 1984: Impact
of Technology on Society. A
Public Opinion Study,
Southern New England
Telephone Company, New
Haven, CT, 1984.
- Key Words: threats, rights,
laws.
- HAR-85
Hartmann, J., and
S.M. Renas
"Anglo-American Privacy
Law: An Economic
Analysis," International
Review of Law and
Economics, December 1985,
pp. 133-152.
- Key Words: laws, foreign.
- HAR-86
Harding, N.G.L.
Data Protection in Medicine,
Proc. of a National Meeting,
Oxford, England, February
1986, HMSO Publications
Center, London, 1986.
- Key Words: rights, laws,
medical.
- HEL-85
Hely, M.H., and
M.T. Morrison
Data Protection Act of 1984,
The Computer Services, Ltd.,
Easterton, Devizes, Wilts,
U.K., 1985.
- Key Words: laws, foreign.
- HER-88
Hernandez, R.T.
"ECPA and Online Computer
Privacy," Federal Communica-
tion Law Journal, November 1988,
pp. 17-41
- Key Words: laws,
government.
- HHS-85
Catalog of Automated Front-
End Eligibility Verification
Techniques, OAI-85-H-51,
U.S. Department of Health
and Human Services,
Washington, DC, 1985.
- Key Words: guidelines,
matching.
- HIR-84
Hiramatsu, T.
"Japan's Privacy Protection
Measures," Transnational Data
Report, March 1984, pp. 109-
112.
- Key Words: laws, foreign.
- HIR-87
Hiramatsu, T.
"Japan's New Personal Data
Bill," Transnational Data
Report, October 1987, pp. 14-
16.
- Key Words: laws, foreign.
- HIR-89
Hiramatsu, T.
"Japan Adopts Privacy
Protection Act," Transnational
Data Report, February 1989,
pp. 22-29.
- Key Words: laws, foreign.
- HOF-80
Hoffman, L.J. (Ed.)
Computers and Privacy in the
Next Decade, Academic Press,
New York, 1980.
- Key Words: proceedings,
general.
- HON-80
Hondius, F.W.
"Data Law in Europe,"
Stanford J. of International
Law, Summer 1980, pp. 87-
111.
- Key Words: laws, foreign.
- IBI-80
Transborder Data Flow
Policies, Papers Presented at
IBI Conference in Rome, June
1980, Unipub, New York,
1981.
- Key Words: proceedings, TDF.
- IBM-83
Privacy Begins at Home--IBM
Experience with Developing
and Administration of
Employee Privacy Practices,
IBM Corporation, White
Plains, NY, 1983.
- Key Words: policy, rights,
case.
- ICC-85
Business Guide to Privacy and
Data Protection Legislation,
No. 384, International
Chamber of Commerce, Paris,
1985.
- Key Words: TDF, guidelines,
laws.

ICC-85a

Issues in Computing, Telecommunications and Information Policy, No. 385, International Chamber of Commerce, Paris, 1985.

Key Words: TDF, policy, foreign.

IRV-86

Irving, R.H., C.A. Higgins, and F.R. Safayeni
"Computerized Performance Monitoring Systems: Use and Abuse," Communications of the ACM, August 1986, pp. 794-801.

Key Words: rights, employment.

JML-88

"Privacy Edition," The John Marshall Law Review, Summer '88, pp. 703-902.

Key Words: rights, laws, general.

JON-88

Jones, S.E.
"Right to Financial Privacy: Emerging Standards of Bank Compliance," Banking Law Journal, Jan./Febr. 1988, pp. 37-51.

Key Words: rights, laws, EFTS.

KAT-88

Katz, J.E.
"Public Policy Origins of Telecommunications Privacy and the Emerging Issues," Information Age (U.K.), July 1988, pp. 169-176.

Key Words: policy, laws, case.

KEN-86

Kenny, J.J. (Ed.)
Data Privacy & Security, Pergamon Press, Elmsford, NJ, 1986

Key Words: book, general.

KIR-80

Kirby, M.D.
"Transborder Data Flows and the 'Basic Rules' of Privacy," Stanford Journal of International Law, Summer 1980, pp. 27-66.

Key Words: TDF, rights, foreign.

KIR-81

Kirchner, J.
"Privacy: A History of Computer Matching in the Federal Government," Computerworld, December 14, 1981, pp. 2ff.

Key Words: matching, general.

KIR-84

Kirby, M.D.
"Urgent Need to Solve TDF Legal Difficulties," Transnational Data Report, Aug/Sept. 1984, pp. 347-350.

Key Words: TDF, laws, rights.

KIR-86

Kirby, M.D.
"Ten Information Commandments," Transnational Data Report, June 1986, pp. 19-22.

Key Words: rights, laws, use.

KIR-86a

Kirby, M.D.
"Human Rights -- The Challenge of New Technology," Information Age (U.K.), October 1986, pp. 200-207.

Key Words: rights, general.

KIR-87

Kirby, M.D.
"Access to Information and Privacy: The Ten Information Commandments," University of Cincinnati Law Review, 1987, pp. 745-759.

Key Words: rights, laws, use.

KLU-83

Klugman, E.
"Toward a Uniform Right to Medical Records: A Proposal for a Model Patient Access and Information Practices Statute," UCLA Law Review, August 1983, p. 1349+.

Key Words: rights, medical.

KUS-84

Kusserow, R.P.
"The Government Needs Computer Matching to Root Out Waste and Fraud," Communications of the ACM, June 1984, pp. 542-545.

Key Words: requirements, case, matching, rights.

LAN-84

Landever, A.R.
"Electronic Surveillance, Computers and the Fourth Amendment," University of Toledo Law Review, Winter 1984, pp. 597-640.

Key Words: surveillance, rights.

LAU-83

Lauffer, S.
International Issues in Communication Technology and Policy, Academy for Educational Development, Washington, DC, 1983.

Key Words: book, policy, foreign.

- LAU-86
Laudon, K.C.
Dossier Society: Value Choices in the Design of National Information Systems, Columbia University Press, New York, 1986
- Key Words: book, surveillance.
- LAU-86a
Laudon, K.C.
"Data Quality and Due Process in Large Interorganizational Record Systems," Communications of the ACM, January 1986, pp. 5-11.
- Key Words: requirements, case.
- LEA-86
Leahy, P.
"Privacy and Progress," Computers & Security, December 1986, pp. 347-349.
- Key Words: rights, general.
- LER-84
Lerner, E.J.
"International Data Wars Are Brewing," IEEE Spectrum, July 1984, p. 454+.
- Key Words: TDF, policy.
- LIN-89
Linowes, D.F.
Privacy in America: Is Your Private Life in the Public Eye?, University of Illinois Press, Urbana, IL, 1989.
- Key Words: book, threats, rights.
- MAI-81
Maisonrouge, J.G.
"Regulation of International Information Flows," The Information Society, Vol. 1, No. 1, 1981, pp. 17-30.
- Key Words: TDF, policy, laws.
- MAR-80
Marchand, D.A.
The Politics of Privacy, and Criminal Justice Records, Information Resources Press, Arlington, VA, 1980.
- Key Words: policy, criminal.
- MAR-84
Marx, G.T., and N. Reichman
"Routinizing the Discovery of Secrets: Computers as Informants," Americ. Behavioral Scientist, March 1984.
- Key Words: threats, rights.
- MAR-86
Marx, G.T., and S. Sherizen
"Monitoring the Job: How to Protect Privacy as well as Property," Technology Review, Nov./Dec. 1986, pp. 63-72.
- Key Words: threats, rights.
- MAR-86a
Marx, G.T.
"Surveillance: A Dangerous Game Played With Matches," Abacus, Fall 1986, pp. 60-64.
- Key Words: threats, matching.
- MAR-88
Marx, G.T.
Undercover: Police Surveillance in America, University of California Press, Berkeley, CA, 1988
- Key Words: book, threats.
- MAT-85
Matley, B.G.
"Computer Privacy in America: Conflicting Practices and Policy Choices," Proc. 1986 IEEE Symp. Sec. & Priv., (5: IEE-86), pp. 219-223.
- Key Words: policy, laws.
- MCC-80
McConnell, R.M.
"Designing for Privacy: The Data Vault," in Rullo, T.A. (Ed.), Advances in Computer Security Management, Vol. 1, Heyden, Philadelphia, PA, 1980, pp. 106-121.
- Key Words: protection, design.
- MCK-83
McKay, G.A.
"Privacy -- A Call for Action," Proc. IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83), pp. 47-55.
- Key Words: protection, general.
- MCL-81
McLaughlan, W.
"Privacy and Criminal Justice," Information Privacy (U.K.), March 1981, pp. 43-49.
- Key Words: rights, criminal.
- MEL-82
Meldman, J.A.
"Privacy Expectations in an Information Age," Information Privacy (U.K.), Winter 1982, pp. 81-89.
- Key Words: rights, laws.
- MON-88
Monssen, W.
"Airline Industry Takes Data Protection Seriously," Transnational Data Report, January 1988, pp. 17-20.
- Key Words: policy, rights.
- MOW-81
Mowshowitz, A.
"On Approaches to the Study of Social Issues in Computing," Communications of the ACM, November 1981, pp. 146-155.
- Key Words: policy, social.

- NIB-84
Niblett, B.
Data Protection Act of 1984,
Longman Group Limited,
London, 1984.
- Key Words: book, laws,
foreign.
- NOV-80
Novotny, E.J.
"Transborder Data Flows and
International Law: A
Framework for Policy-
Oriented Inquiry," Stanford
Journal of International Law,
Summer 1980, pp. 141-199.
- Key Words: TDF, laws,
foreign.
- NOV-82
Novotny, E.J.
"Transborder Data Flow
Regulation: Technical Issues
of Legal Concern,"
Computer/Law Journal,
Winter 1982, pp. 105-124.
- Key Words: TDF,
requirements.
- NYC-80
Nycum, S.H., and
S. Courtney-Saunders
"Transborder Data Flow:
Legal Persons in Privacy
Protection Legislation," Proc.,
1980 National Comp. Conf.,
AFIPS Press, Arlington, VA,
pp. 587-593.
- Key Words: TDF, policy,
laws.
- OEC-80
Information, Computer and
Communications Policies for
1980s, Proc. of a High-Level
Conf., OECD, Paris, 1980.
- Key Words: proceedings,
general.
- OEC-81
Guidelines for the Protection
of Privacy & Transborder
Data Flows of Personal
Information, OECD, Paris,
1981.
- Key Words: TDF, guidelines.
- OEC-84
An Exploration of Legal
Issues In Informationa and
Telecommunication
Technologies, OECD, Paris,
1984.
- Key Words: TDF, laws,
policy.
- OEC-86
1984 And Beyond: The Social
Challenge of Information
Technology, Proc. 1984 Berlin
Conf. OECD, Paris, March
1986.
- Key Words: policy, social.
- OMB-85
Management of Federal
Information Resources,
Circular No. A-130, Office of
Management and Budget,
Washington, DC, December
1985.
- Key Words: policy,
guidelines.
- OSV-83
Osvald, T.
"The Data Act and
Documentation Requirements,"
Proc. IFIP/Sec. '83,
Stockholm, 1983, (2: FAK-
83), pp. 265-268.
- Key Words: laws, foreign.
- OTA-85
Federal Government
Information Technology:
Electronic Surveillance and
Civil Liberties, OTA-CIT-293,
U.S. Congress, Office of
Techn. Assessment,
Washington, DC, October
1985.
- Key Words: surveillance,
rights, government, policy.
- OTA-86
Federal Government
Information Technology:
Electronic Record Systems and
Individual Privacy, OTA-CIT-
296, U.S. Congress, Office of
Technology Assessment,
Washington, DC, June 1986.
- Key Words: rights, records,
laws, government, policy.
- OTA-87
The Electronic Supervisor --
New Technology, New
Tensions, OTA-CIT-333, U.S.
Congress, Office of Techn.
Assessment, Washington, DC,
September 1987.
- Key Words: threats, rights,
government, policy.
- OTA-88
Criminal Justice, New
Technologies and the
Constitution, OTA-CIT-366,
U.S. Congress, Office of
Techn. Assessment,
Washington, DC, May 1988.
- Key Words: policy, criminal.
- PAG-84
Pagels, H.R. (Ed.)
Computer Culture: The
Scientific Intellectual and
Social of the the Computer,
The New York Academy of
Sciences, New York, 1984.
- Key Words: book, policy.
- PAR-83
Parent, W.A.
"Recent Work on the Concept
of Privacy," American
Philosophical Quarterly, 1983,
pp. 341-355.
- Key Words: policy, general.
- PAR-84
Parkhill, D., P. Enslow (Eds.)
So This is 1984, North-
Holland, Amsterdam, 1984.
- Key Words: book, general.

PAT-89

Patrick, A.L.
"Public Access to
Government Databanks,"
Proc., 12th Natl. Comp. Sec.
Conf., 1989, (5: NCS-89),
pp. 609-610.

Key Words: policy, rights,
laws.

PIE-83

Pietarinen, I.
"Finland's Privacy
Legislation," Transnational
Data Report, March 1983,
pp. 101-103.

Key Words: laws, foreign.

PIP-84

Pipe, G.R.
"Getting on the TDF Track,"
Datamation, Jan. 1984, p.
200-211.

Key Words: TDF, general.

PLE-82

Plessner, R.
"Issue of Data Flows Across
National Borders Must Be
Faced," ABA Banking
Journal, February 1982, pp.
71-78.

Key Words: TDF, policy,
laws.

RAD-84

Rada, J.F. and
G.R. Pipe (Eds.)
Communications Regulation
and International Business,
Elsevier Science Publishers,
New York, 1984.

Key Words: book, TDF,
policy.

RAS-86

Rasor, P.B.
"Controlling Government
Access to Personal Financial
Records," Washburn Law
Review, Spring 1986, pp.
417-436.

Key Words: policy, records.

RAS-86a

Rasor, P.B.
"Privacy Implications of
Consumer Credit Laws," The
John Marshall Law Review,
Summer 1986, pp. 941-957.

Key Words: privacy, credit.

RIC-86

Rice, R.
"Privacy, Freedom and
PublicKey Cryptography,"
Information Age, (U.K.),
October 1986, pp. 208-214.

Key Words: policy, rights.

RIL-87

Riley, T.
"Quebec's Unique Access and
Privacy Act," Transnational
Data Report, January 1987,
pp. 11-13.

Key Words: laws, foreign.

RIL-87a

Riley, T.
"Enhancing Canadians' Right
to Know and to Privacy,"
Transnational Data Report,
June 1987, pp. 23-25.

Key Words: rights, foreign.

RIL-87b

Riley, T.
Access to Government
Records: International
Perspectives and Trends,
Transnational Data Reporting
Services, Springfield, VA,
1987.

Key Words: book, policy,
foreign.

RIL-88

Riley, T.
"Data Commissioners
Consider Wider Horizons:
Conference Report,"
Transnational Data Report,
December 1988, pp. 10-18.

Key Words: policy, laws,
foreign.

ROB-86

Robinson, P.
"Legal Issues Raised by
Transborder Data Flow,"
Canadian-U.S. Law Journal,
1986, pp. 295-316.

Key Words: TDF, laws,
foreign.

RUB-89

Rubinfeld, J.
"The Right of Privacy,"
Harvard Law Review, February
1989, pp. 737-807.

Key Words: rights, laws.

RUL-80

Rule, J., et al.
The Politics of Privacy, New
American Library, New York,
1980.

Key Words: book, rights.

SAU-84

Sauvant, K.P.
"The Growing Dependence on
Transborder Data Flows,"
Computerworld, June 25, 1984,
pp. ID/19-24.

Key Words: TDF, policy,
laws.

SCH-84

Schoeman, F.D. (Ed.)
Philosophical Dimensions of
Privacy, Cambridge University
Press, New York, 1984

Key Words: book, rights, laws.

SEI-80

Seiler, R.S.
"Privacy and Insurance: An
Enforceable Expectation of
Confidentiality," Forum, Spring
1980, pp. 628-659.

Key Words: rights, laws, case.

SEI-86

Seipel, P.
"Pitfalls of the Electronic
Revolution," Information Age,
(U.K.), October 1986, pp. 215-
219.

Key Words: threats, rights.

- SEL-88
Selmer, K.
"Data Protection Policy Trend," Transnational Data Report, December 1988, pp. 19-25.

Key Words: policy, laws.
- SHA-84
Shattuck, J.
"Computer Matching Is a Serious Threat to Individual Rights," Communications of the ACM, June 1984, pp. 538-541.

Key Words: matching, threats.
- SHA-85
Shattuck, J.
"Privacy in the Age of Information," Transnational Data Report, July/August 1985, pp. 259-260.

Key Words: rights, laws.
- SHA-89
Shattuck, J., and M.M. Spence
"A Presidential Initiative on Information Policy," Software Law Journal, Summer 1989, pp. 461-490.

Key Words: policy, rights, laws.
- SHU-86
Shultz, G.P.
"Consequences of the Age of Information," Transnational Data Report, May 1986, pp. 16-19.

Key Words: policy, rights.
- SIM-83
Simitis, S.
"Data Protection--A Few Critical Remarks," Transnational Data Report, March 1983, pp. 93-96.

Key Words: protection, laws.
- SIM-85
Simitis, S.
"Data Protection: New Developments, New Challenges," Transnational Data Report, March 1985, pp. 95-96.

Key Words: policy, rights, laws.
- SIM-87
Simitis, S.
"Reviewing Privacy in an Information Society," University of Pennsylvania Law Review, March 1987, pp. 707-746.

Key Words: policy, rights, laws.
- SIZ-85
Sizer, R. and P. Newman
The Data Protection Act (U.K.), Gower Publishing Co., Ltd., London, 1985.

Key Words: laws, foreign.
- SLA-83
Slansky, P. (Ed.)
On Nineteen Eighty-Four, W.H. Freeman & Co., New York, 1983.

Key Words: book, rights.
- SMI-83
Smith, R.E.
Workrights, Privacy Journal Publication, Washington, DC, 1983.

Key Words: rights, employment.
- SMI-85
Smith, R.E.
Fair Information Practices in Seven States, Privacy Journal Publication, Washington, DC, 1985.

Key Words: laws, general.
- SMI-86
Smith, R.E.
Collection and Use of Social Security Numbers, Privacy Journal Publication, Washington, DC, 1986.

Key Words: policy, rights.
- SMI-88
Smith, R.E.
Compilation of State & Federal Privacy Laws, Privacy Journal Publication, Washington, DC, 1988.

Key Words: laws, general.
- STE-81
Stevenson, R.B., Jr.
Corporations & Information: Secrecy, Access & Disclosure, Johns Hopkins University Press, Baltimore MD, 1981.

Key Words: book, policy, laws.
- STE-83
Sterling, R.A.
"Privacy Information Systems Common Law -- A Comparative Study in the Private Sector," Gonzaga Law Review, Vol. 18, 1982/83, pp. 567-604.

Key Words: policy, rights, law.
- STR-86
Strunk, O., Jr.
Privacy: Studies in Social and Cultural History, University Press of America, Lanham, MD, 1986.

Key Words: book, general.
- STR-88
Strong, D.R.
"The Computer Matching and Privacy Protection Act of 1988: Necessary Relief from Erosion of the Privacy Act of 1974," Software Law Journal, Summer 1988, pp. 391-422.

Key Words: matching, laws.

- SWA-83
Swan, J.C.
"Public Records and Library Privacy," Library Journal, Sept. 1983.

Key Words: policy, records.
- TDR-83
Transborder Data Flow Issues Guide, Transnational Data Reporting Service, Springfield, VA, 1983.

Key Words: TDF, guidelines.
- TDR-83a
"Statistical Data Privacy and Confidentiality," Transnational Data Report, Oct./Nov. 1983, pp. 368-386.

Key Words: statistical, laws.
- TDR-84
"Surveys Show Strategic Importance of TDF," Transnational Data Report, Jan./Febr. 1984, pp. 20-36.

Key Words: TDF, policy.
- TDR-84a
"New Technologies' Impact On Data Protection," Transnational Data Report, June/July 1984, pp. 204-215.

Key Words: threats, rights.
- TDR-84b
"Second World TDF Conference: Special Report," Transnational Data Report, Aug./Sept. 1984, pp. 253-283.

Key Words: TDF, policy, foreign.
- TDR-85
"OECD Sets TDF Rules of the Road," Transnational Data Report, April/May 1985, pp. 115-117.

Key Words: TDF, guidelines.
- TLR-87
"Privacy, Computers, and the Commercial Dissemination of Personal Information," Texas Law Review, June 1987, pp. 1395-1439.

Key Words: policy, records.
- TRA-85
Traub, J.F. (Ed.)
Cohabiting with Computers, William Kaufmann, Inc., Los Altos, CA, 1985.

Key Words: book, general.
- TRE-88
Tremper, C.R., and M.A. Small
"Privacy Regulation of Computer Assisted Testing and Instruction," Washington Law Review, October 1988, pp. 841-879,

Key Words: policy, rights.
- TRU-86
Trubow, G.
"Peeping Sam: Uncle Is Watching You," Computer Security Journal, No. 1, 1986, pp. 15-20.

Key Words: surveillance.
- TRU-87
Trubow, G.B.
"National Information Policy and the Management of Personal Records," Software Law Journal, Winter 1987, pp. 101-112.

Key Words: policy, management.
- TRU-89
Trubow, G.B.
"Watching the Watchers: The Coordination of Federal Privacy Policy," Software Law Journal, Summer 1989, pp. 391-411.

Key Words: policy, rights, laws.
- TUR-80
Turn, R.
"Transborder Data Flows," Computerworld, March 3, 1980, pp. ID1-ID10.

Key Words: TDF, policy, laws.
- TUR-80a
Turn, R.
"An Overview of Transnational Dataflow Issues," Proceedings, Pacific Telecommunications Conference, January 1980, pp. 1D31-1D40.

Key Words: TDF, policy, laws.
- TUR-80b
Turn, R.
"Technical Implications of Privacy Protection Requirements," Information Privacy, (U.K.), January 1980, pp. 2-6.

Key Words: TDF, policy, design.
- TUR-80c
Turn, R.
"Privacy Protection and Transborder Data Flows," Proceedings, 1980 National Computer Conference, AFIPS Press, Reston, VA, 1980, pp. 581-586.

Key Words: TDF, laws, foreign.
- TUR-80d
Turn, R.
"Privacy Protection and Security in Transnational Data Processing," Stanford Journal of International Law, Summer 1980, pp. 7-86.

Key Words: TDF, laws, foreign.

TUR-80e

Turn, R.
"An Overview of Transborder Dataflow Problems," Proc. 1980 IEEE Symp. Sec. & Privacy, (5: IEE-80), pp. 3-8.

Key Words: TDF, laws, foreign.

TUR-81

Turn, R., (Ed.)
"Transborder Data Flows: Issues and Organizations," Information Privacy, (U.K.), January 1981, pp. 6-20.

Key Words: TDF, policy.

TUR-81a

Turn, R., (Ed.)
"Transborder Data Flows: Privacy Protection," Information Privacy, (U.K.), March 1981, pp. 56-67.

Key Words: TDF, laws, foreign.

TUR-81b

Turn, R., (Ed.)
"Transborder Data Flows: Implementation of Privacy Protection," Information Privacy, (U.K.), May 1981, pp. 98-119.

Key Words: TDF, protection.

TUR-82

Turn, R.
"Security Issues in Transborder Data Flows," Computer Security Journal, Winter 1982, pp. 71-79.

Key Words: TDF, protection.

TUR-82a

Turn, R.
"Privacy Protection in the 1980s," Proc. 1982 IEEE Symp. Sec. & Privacy, (5: IEE-82), pp. 86-89.

Key Words: rights, laws.

TUR-82b

Turn, R.
"Situation in the U.S.: Privacy Protection Needs in the 1980s," Transnational Data Report, July/August 1982, pp. 257-258.

Key Words: requirements, laws.

TUR-83

Turn, R.
"Privacy Protection in the Computer Age," Information Age, (U.K.), April 1983, pp. 105-109.

Key Words: rights, laws.

TUR-83a

Turn, R., et al.
Observations on the Resiliency of the U.S. Information Society, AFIPS Press, Reston, VA, 1983.

Key Words: requirements, policy.

TUR-83b

Turn, R.
"Privacy Protection in the 1980s," Information Age, (UK), April 1983, pp. 105-109.

Key Words: rights, laws.

TUR-83c

Turn, R., and E.J. Novotny
"Resiliency of the Computerized Society," Proc., 1983 Natl. Comp. Conf., AFIPS Press, Reston, VA, May 1983, pp. 341-349.

Key Words: requirements, policy.

TUR-84

Turkle, S.
The Second Self: Computers and the Human Spirit, Simon and Schuster, New York, 1984.

Key Words: book, societal.

UCD-81

"Confidentiality of Personnel Files in the Private Sector," University of California at Davis Law Review, Winter 1981, pp. 473-492.

Key Words: rights, employment.

UNI-82

Transnational Corporations & Transborder Data Flows, United Nations, New York, 1982.

Key Words: TDF, policy, laws.

VEE-89

Veeder, R.N.
"Making Eligibility for Federal Benefits Determinations under the Computer Matching and Privacy Protection Act of 1988," Proc. 12th Natl. Comp. Sec. Conf., 1989, (5: IEE-89), pp. 606-608.

Key Words: matching, laws.

VIT-83

Vitro, R.A.
"Information Sector Development Planning: Toward Balanced TDF," Transnational Data Report, December 1983, pp. 461-468.

Key Words: TDF, policy.

WAL-88

Walden, N., and R.N. Savage
"Data Protection and Privacy Laws: Should Organisations Be Protected," International & Computer Law Quarterly, April 1988, pp. 337-347.

Key Words: policy, laws.

WAR-80

Ware, W.H.
"Privacy and Information Technology," in Hoffman, L.J. (Ed.), Computers and Privacy in the Next Decade, Academic Press, New York, 1980, pp. 9-22.

Key Words: proceedings, general.

WAR-81

Ware, W.H.
"Security, Privacy, and
National Vulnerability," Proc.
Comp. Sec. & Priv. Symp.,
Phoenix, AR, 1981, pp. 107-
111.

Key Words: policy, rights,
laws.

WAR-86a

Ware, W.H.
"Emerging Privacy Issues,"
Computers & Security, June
1986, pp. 101-113.

Key Words: policy, rights.

WES-80

Westin, A.F., and S.
Salisbury
Individual Rights in the
Corporation, Pantheon Books,
New York, 1980.

Key Words: book,
employment.

WES-80a

Westin, A.F.
"Long-Term Implications of
Computers for Privacy and
Protection of the Public
Order," in Hoffman, L.J.
(Ed.), Computers and Privacy
in the Next Decade,
Academic Press, New York,
1980, pp. 167-181.

Key Words: policy, rights,
laws.

WES-83

Westin, A.F.
"New Issues of Computer
Privacy in the 1980s,"
Information Processing 83,
Proc., IFIP Congress, Paris,
North-Holland, Amsterdam,
1983.

Key Words: policy, rights,
laws.

WES-83a

Westin, A.F.
"New Eyes on Privacy,"
Computerworld, November 28,
1983, pp. ID/11-18.

Key Words: policy, rights,
laws.

WES-84

Westin, A.F.
The Changing Workplace: A
Guide to Managing People,
Organizational, and
Regulatory Aspects of Office
Technology, Knowledge
Industry Publications, Inc.,
White Plains, NY, 1984.

Key Words: book, guidelines,
laws, employment.

WIG-84

Wigand, R.T., et al.
"Transborder Data Flow,
Informatics and National
Policies," Journal of
Communications, Winter
1984.

Key Words: TDF, policy,
laws.

WLL-81

"Employee Medical Records
and Constitutional Right of
Privacy," Washington & Lee
Law Review, Fall 1981, pp.
1267-1284.

Key Words: rights,
employment.

WRI-83

Wright, J.
"Protection of Corporate
Privacy," Transnational Data
Report, June 1983, pp. 231-
235.

Key Words: policy, rights.

YOU-83

Yourow, J.H.
Issues in International
Telecommunications Policy: A
Source Book, Center for
Telecommunications Studies,
George Washington University,
Washington, DC, 1983.

Key Words: TDF, policy,
laws.

YUR-83

Yurow, J.
"Privacy Legislation and
Restriction of Transborder
Data Flow," Information Age,
(UK), January 1983, pp. 11-15.

Key Words: TDF, laws,
policy.

ZAK-83

Zaki, A.S.
"Regulation of Electronic
Funds Transfer: Impact and
Legal Issues," Communications
of the ACM, February 1983,
pp. 112-118.

Key Words: EFTS, policy,
laws.

10. Pre-1980 Publications

This section cites pre-1980 publications listed under the following four subject categories: security environment, security models and database security, communications security, and privacy.

A. Security Environment

BRO-71

Brown, W.F. (Ed.)
AMR Guide to Computer and Software Security, Advanced Management Research, New York, 1971.

Key Words: book, general.

BRO-79

Brown, P.S.
Security: Check List for Computer Center Self-Audits, AFIPS Press, Reston, VA, 1979.

Key Words: book, general, risk.

BUR-78

Burch, J.G., and J.L. Sardinas
Computer Control and Audit: A Total Systems Approach, Wiley & Sons, New York, 1978.

Key Words: book, auditing.

CAR-77

Carroll, J.M.
Computer Security, Security World Publ. Co., 1977.

Key Words: book, methods, general.

COU-77

Courtney, R.H., Jr.
"Security Risk Assessment in Electronic Data Processing," Proc. 1977 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 97-104.

Key Words: risk, management.

DIN-78

Dinardo, C.T. (Ed.)
Computers and Security, AFIPS Press, Reston, VA, 1978.

Key Words: book, general.

DOJ-79

Computer Crime: Criminal Justice Resource Manual, Law Enforcement Assistance Administration, U.S. Department of Justice, Washington, DC, 1979.

Key Words: guidelines, crime.

FAR-72

Farr, M., B. Chadwick, and K. Wong
Security for Computer Systems, National Computer Centre, Ltd., Manchester, England, 1972.

Key Words: book, general, risk.

GAO-76

Computer-Related Crimes in Federal Programs, FGMSD-76-27, U.S. General Accounting Office, Washington, DC, 27 April 1976.

Key Words: crime, government.

GAO-77

New Methods Needed for Checking Payments Made by Computers, FGMSD-76-82, U.S. General Accounting Office, Washington, DC, 7 November 1977.

Key Words: threats, management.

GAO-79

Automated Systems Security: Federal Agencies Should Strengthen Safeguards Over Personal and Other Sensitive Data, LCD-78-123, U.S. General Accounting Office, Washington, DC, 23 January 1979.

Key Words: threats, government.

HAM-73

Hamilton, P.
Computer Security, Auerbach Publishers, Inc. Pennsauken, NJ, 1973.

Key Words: book, general.

HEM-73

Hemphill, C., and J.M. Hemphill
Security Procedures for Computer Systems, Dow-Jones Co., Homewood, IL 1973.

Key Words: book, methods, general.

IBM-74

Data Security and Data Processing, Report in 6 Volumes on a Study by TRW, MIT, and the State of Illinois, IBM Corporation, White Plains, NY, 1974.

Key Words: methods, management.

KRA-79

Krauss, L.I.
Computer Fraud and Countermeasures, Prentice-Hall, Englewood Cliffs, NJ, 1979.

Key Words: book, crime, methods.

MAR-73

Martin, J.
Security, Accuracy and Privacy in Computer Systems, Prentice-Hall, Englewood Cliffs, NJ, 1973.

Key Words: book, methods, privacy.

MOW-78

Mowshowitz, A.
"Computers and Ethical Judgement in Organizations," Proc. 1978 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 675-683.

Key Words: awareness, ethics.

NBS-74

Guidelines for Automatic Data Processing Physical Security and Risk Management, FIPS PUB 31, National Bureau of Standards, Gaithersburg, MD, 1974.

Key Words: guidelines, physical, methods, risk.

NBS-75

Computer Security Guidelines for Implementing the Privacy Act of 1974, FIPS PUB 41, National Bureau of Standards, Gaithersburg, MD, 30 May 1975.

Key Words: guidelines, methods, privacy.

NBS-76

Glossary for Computer Systems Security, FIPS PUB 39, National Bureau of Standards, Gaithersburg, MD, 15 Febr. 1976.

Key Words: guidelines, standards.

NBS-77

Evaluation of Techniques for Automated Personal Identification, FIPS PUB 48, National Bureau of Standards, Gaithersburg, MD, 1 April 1976.

Key Words: authentication.

NBS-79

Guidelines for Automatic Data Processing Risk Analysis, FIPS PUB 65, National Bureau of Standards, Gaithersburg, MD, 1 August 1979.

Key Words: guidelines, risk.

OMB-78

Security of Federal Automated Information Systems, Circ. No. A-71, Transmittal Memo. No. 1, Office of Management and Budget, Washington, DC, July 27, 1978.

Key Words: requirements, risk.

PAR-76

Parker, D.B.
Crime by Computer, Scribners, New York, 1976.

Key Words: book, crime, risk.

PAR-76a

Parker, D.B.
"Computer Abuse Perpetrators and Vulnerabilities of Computer Systems," Proc. 1976 Natl. Comp. Conf., AFIPS Press, Reston, VA, 1976.

Key Words: crime, threats.

PAR-79

Parker, D. (Ed.),
Ethical Conflicts in Computer Science and Technology, AFIPS Press, Reston, VA, 1979.

Key Words: ethics, general.

PAT-74

Patrick, R.L. (Ed.)
Security: AFIPS System Review Manual, AFIPS Press, Reston, VA, 1974.

Key Words: risk, management.

PET-67

Petersen, H.E., and R. Tum,
"System Implications of Information Privacy," Proc. Spring Joint Comp. Conf., AFIPS Press, 1967, pp. 291-300.

Key Words: threats, methods.

REE-73

Reed, S.K., and M. Gray
Controlled Accessibility Bibliography, TN 780, National Bureau of Standards, Gaithersburg, MD, June 1973.

Key Words: awareness, general.

REN-74

Renninger, C. and D. Branstad
Government Looks at Privacy and Security in Computer Systems, TN 809, National Bureau of Standards, Gaithersburg, MD, February 1974.

Key Words: proceedings, general.

REN-74a

Renninger, C., (Ed.)
Approaches to Privacy and Security in Computer Systems, SP 404, National Bureau of Standards, Gaithersburg, MD, September 1974.

Key Words: proceedings, general.

TAB-79

Taber, J.K.
"On Computer Crime (S.B. 240)," Computer/Law Journal, Winter 1979, pp. 517-544.

Key Words: crime, laws.

VAN-72

Van Tassel, D.
Computer Security Management, Prentice-Hall, Englewood Cliffs, NJ, 1972

Key Words: book, general.

WAL-77

Walker, B.J., and I.F. Blake
Computer Security and Protection Structures, Dowden, Hutchinson and Ross, Inc., Stroudsburg, PA, 1977.

Key Words: book, techniques.

WON-77

Wong, K.
Computer Security Risk Analysis and Control: A Guide to the DP Manager, Hayden Book Co, New Rochelle Park, NJ, 1977.

Key Words: book, risk, control.

WOO-73

Wooldridge, S., C. Corder, and C. Johnson
Security Standards for Data Processing, Wiley & Sons, New York, 1973.

Key Words: book, general.

B. Security Models and Database Security

ABR-77

Abrams, M.D., et al. (Eds.)
Tutorial on Computer Security and Integrity, IEEE Computer Society, Long Beach, CA, 1977.

Key Words: book, techniques.

AMB-77

Ambler, A.L., and C.G. Hoch
"A Study of Protection in Programming Languages," Proc. ACM Conf. on Language Design for Reliable Software, 1977, pp. 25-40.

Key Words: methods, software.

AND-72

Anderson, J.P.
"Information Security in MultiUser Computer Environment," in Rubinoff, R., (Ed.), Advances in Computers, Vol. 12, Academic Press, New York, 1972, pp. 1-35.

Key Words: policy, methods.

AND-73

Anderson, J.P.
Computer Security Technology Planning Study, ESD-TR-73-51, James P. Anderson and Co., Fort Washington, PA, 1973.

Key Words: policy, models, techniques.

ATT-76

Attanassio, C., P. Markstein, and R. Phillips
"Penetrating an Operating System: A Study of VM/370 Integrity," IBM Systems Journal, January 1976, pp. 102-116.

Key Words: OS, threats, case.

BAR-64

Baran, P.,
On Distributed Communications: IX. Security, Secrecy, and Tamper-Free Considerations, Report RM-3765-PR, The Rand Corp., Santa Monica, CA, 1964.

Key Words: threats, policy.

BAY-76

Bayer, R., and J.K. Metzger
"On the Encipherment of Search Trees and Random Access Files," ACM Trans. Database Systems, March 1976, pp. 37-52.

Key Words: database, crypto.

BEL-73

Bell, D.E.
Secure Computer Systems: A Refinement of the Mathematical Model, Vol. III, ESD-TR-73-278, Mitre Corp., Bedford, MA, 1973.

Key Words: policy, models.

BEL-75

Bell, D.E., and L.J. LaPadula,
Secure Computer Systems: Unified Exposition and Multics Interpretation, ESD-TR-75-306, Mitre Corp., Bedford, MA, 1975.

Key Words: policy, models, case.

BER-79

Berson, T., G. Barksdale, Jr.
 "KSOS--Development
 Methodology for a Secure
 Operating System," Proc.
 1979 Natl. Comp. Conf.,
 AFIPS Press, Reston, VA,
 pp. 365-371.

Key Words: OS, kernel, case.

BIB-77

Biba, K.J.,
Integrity Considerations for
 Secure Computer Systems,
 ESD-TR-76-372, Mitre Corp.,
 Bedford, MA, 1977.

Key Words: models,
 integrity.

CON-72

Conway, R.W.,
 W.L. Maxwell, and
 H.L. Morgan
 "On the Implementation of
 Security Measures in
 Information Systems,"
Communications of the
 ACM, April 1972, pp. 211-
 220.

Key Words: OS, techniques.

DAV-78

Davida, G.I., et al.
 "Data Base Security," IEEE
 Trans. Software Engr.,
 November 1978, pp. 531-533.

Key Words: database,
 methods.

DEM-77

DeMillo, R.A., et al.
 "Even Databases that Lie
 Can Be Compromised," IEEE
 Trans. Software Engr.,
 January 1977, pp. 73-75.

Key Words: threats, database.

DEM-78

Demillo, R., et al. (Eds.),
Foundations of Secure
 Computation, Academic
 Press, New York, 1978.

Key Words: book, models,
 theory.

DEN-76

Denning, D.E.,
 "A Lattice Model of Secure
 Information Flow,"
Communications of the ACM,
 May 1976, pp. 236-242.

Key Words: models, flow.

DEN-77

Denning, D.E., Denning, P.J.,
 "Certification of Programs for
 Secure Information Flow,"
Communications of the ACM,
 July 1977, pp. 504-513.

Key Words: verification, flow.

DEN-78

Denning, D.E.
 "Are Statistical Data Bases
 Secure?," Proc. 1978 Natl.
 Comp. Conf., AFIPS Press,
 Reston, VA, pp. 525-530.

Key Words: statistical, threats.

DEN-79

Denning, D.E., Denning, P.J.,
 "Data Security," ACM
 Computing Surveys,
 September 1979, pp. 227-250.

Key Words: databases,
 methods.

DEN-79a

Denning, D.E., et al.,
 "The Trackers: A Threat to
 Statistical Database Security,"
ACM Trans. Database
 Systems, March, 1979, pp.
 76-96.

Key Words: statistical, threats.

DOB-79

Dobkin, D.A., A.K. Jones,
 and R. Lipton
 "Protection Against User
 Inference," ACM Trans.
 Database Systems, March
 1979, pp. 97-106.

Key Words: databases,
 inference.

DOD-78

Proceedings, U.S. Army
 Automation Security
 Workshop, Leesburg, VA,
 December 1978,
 OACSI/DAMI-AMP, U.S.
 Department of the Army,
 Washington, DC, 1978.

Key Words: proceedings,
 general.

DOD-79

Proceedings, Seminar on the
 DOD Computer Security
 Initiative Program,
 Gaithersburg, MD, July 1979,
 OSD(CCCI), U.S., Department
 of Defense, Washington, DC,
 1979.

Key Words: proceedings,
 trusted.

DOD-79a

Proceedings, Second U.S.
 Army Automation Security
 Workshop, Virginia Beach,
 VA, September 1979,
 OACSI/DAMI-AMP, U.S.
 Department of the Army,
 Washington, DC, 1979.

Key Words: proceedings,
 general.

DON-75

Donovan, J.J., and
 S.E. Madnick
 "Hierarchical Approach to
 Computer System Integrity,"
IBM Systems Journal, No. 2,
 1975, pp. 188-202.

Key Words: integrity, design.

DON-76

Donovan, J.J., and
 S.E. Madnick
 "Virtual Machine Advantages
 in Security, Integrity, and
 Decision Support Systems,"
IBM Systems Journal, No. 3,
 1976, pp. 270-278.

Key Words: integrity, methods,
 design.

DOW-77

Downs, D., and G.J. Popek
"A Kernel Design for a
Secure Database Management
System," Proc. 3rd
International Conf. on Very
Large Data Base Systems,
IEEE Computer Society, Los
Angeles, CA, 1976, pp. 507-
514.

Key Words: DBMS, kernel,
design.

DOW-79

Downs, D., and G.J. Popek
"Data Base Management
System Security and Ingres,"
Proc. 5th Internat. Conf. on
Very Large Data Base
Systems, IEEE Computer
Society, Los Angeles, CA,
1979, pp. 280-290.

Key Words: DBMS, design,
case.

EVA-74

Evans, A., W. Kantrowitz,
and E. Weiss
"A User Authentication
Scheme Not Requiring
Secrecy in the Computer,"
Communications of the
ACM, August 1974, pp. 437-
412.

Key Words: authentication,
techniques.

FAB-74

Fabry, R.,
"Capability-Based
Addressing," Communications
of the ACM, July 1974, pp.
403-411.

Key Words: capability,
methods.

FEI-77

Feiertag, R.J., K.N. Levitt,
and L. Robinson,
"Proving Multilevel Security
of A System Design," Proc.
6th ACM Symposium on
Operating System Principles,
1977, pp. 57-65.

Key Words: MLS,
verification, methods, design.

FEI-79

Feiertag, R.J., and
P.G. Neumann
"The Foundations of Provably
Secure Operating Systems
(PSOS)," Proc. 1979 Natl.
Comp. Conf., AFIPS Press,
Reston, VA, 1979, pp. 329-
334.

Key Words: MLS, OS,
design.

FRI-70

Friedman, T.D.
"The Authorization Problem
in Shared Files," IBM
Systems Journal, No. 4, 1970,
pp. 258-280.

Key Words: authorization,
databases, methods.

GLA-77

Glaseman, S., R. Turn,
and R.S. Gaines
"Problem Areas in Computer
Security Assessment," Proc.
1977 Natl. Comp. Conf.,
AFIPS Press, Reston, VA, pp.
105-112.

Key Words: methods, risk.

GLA-78

Gladney, H.M.
"Administrative Control of
Computing Service," IBM
Systems Journal, No. 2, 1978,
pp. 151-178.

Key Words: management,
control.

GOL-79

Gold, B.D., et al.
"A Security Retrofit of
VM/370," Proc. 1979 Natl.
Comp. Conf., AFIPS Press,
Reston, VA, pp. 335-344.

Key Words: MLS, OS,
design, case.

GRA-68

Graham, R.M.,
"Protection in an Information
Processing Utility,"
Communications of the ACM,
May 1968, pp. 385-369.

Key Words: policy, models.

GRA-72

Graham, G.S., and
P.J. Denning,
"Protection -- Principles and
Practice," Proc. Spring Joint
Comp. Conf., AFIPS Press,
Reston, VA., 1972, pp. 417-
479.

Key Words: models, methods.

GRI-76

Griffiths, P.P., and
B.W. Wade
"An Authorization Mechanism
for a Relational Database
System," ACM Trans.
Database Systems, September
1976, pp. 242-255.

Key Words: authorization,
database, relational.

GUD-76

Gudes, E., H.S. Koch,
and F.A. Stahl
"The Application of
Cryptography for Data Base
Security," Proc. 1976 Natl.
Comp. Conf., AFIPS Press,
Reston, VA, pp. 97-107.

Key Words: database, crypto.

HAN-76

Hantler, S.L., and J.C. King
"An Introduction to Proving
Correctness of Programs,"
ACM Computing Surveys,
December 1976, pp. 331-353.

Key Words: verification,
general.

HAR-76

Harrison, M.A., W.L. Ruzzo,
and J.D. Ullman,
"Protection in Operating
Systems," Communications of
the ACM, August 1976, pp.
461-471.

Key Words: models, theory.

- HAR-78
Harrison, M.A., and W.L. Ruzzo
"Monotonic Protection Systems," in De Millo, R.A., (Ed.), Foundations of Secure Computations, (10: DEM-78), pp. 337-363.

Key Words: models, theory.
- HIN-75
Hinke, T.H. and M. Schaefer,
Secure Data Management System, RADC-TR-75-266, System Development Corp., Santa Monica, CA, 1975.

Key Words: DBMS, design, case.
- HOF-70
Hoffman, L.J., and W.F. Miller
"Getting a Person's Dossier from a Statistical Data Bank," Datamation, May 1970, pp. 74.

Key Words: threats, statistical.
- HOF-71
Hoffman, L.J.
"The Formulary Method for Flexible Privacy and Access Control," Proc. Fall Joint Comp. Conf., AFIPS Press, Reston, VA, 1971, pp. 587-601.

Key Words: control, methods.
- HOF-73
Hoffman, L.J., (Ed.)
Security and Privacy in Computer Systems, Melville Publishing Co., Los Angeles, CA, 1973.

Key Words: book, general.
- HOF-77
Hoffman, L.J.,
Modern Methods for Computer Security and Privacy, Prentice Hall, Englewood Cliffs, NJ, 1977.

Key Words: book, methods.
- HOF-78
Hoffman, L.J., and E. Michelman
"SECURATE -- Security Evaluation and Analysis Using Fuzzy Metrics," Proc. 1978 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 531-540.

Key Words: risk, methods, case.
- HOY-73
Hoyt, D.B. (Ed.)
Computer Security Handbook, McMillan, New York, 1973.

Key Words: book, general.
- HSI-76
Hsiao, D.K., and R.I. Baum
"Information Secure Systems," in Yovits, M., (Ed.) Advances in Computers, Vol. 15, 1976, Academic Press, New York, pp. 231-272.

Key Words: methods, database.
- HSI-79
Hsiao, D.K., D.S. Kerr, and C. Nee
"Data Base Access Control in the Presence of Context Dependent Protection Requirements," IEEE Trans. Software Engr., July 1979, pp. 349-358.

Key Words: database, control.
- HSI-79a
Hsiao, D., D.S. Kerr, and S.E. Madnick, (Eds.)
Computer Security, Academic Press, New York 1979.

Key Words: book, general.
- JON-75a
Jones, A.K., and W. Wulf,
"Towards the Design of Secure Systems," Software Practice & Experience, Oct.-Dec., 1975, pp. 321-336.

Key Words: models, methods.
- JON-78
Jones, A.K., and R. Lipton,
"Protection Mechanism Models: Their Usefulness," in De Millo, R.A., (Ed.), Foundations of Secure Computations, 1978, (10: DEM-78), pp. 237-252.

Key Words: models, theory.
- JON-78a
Jones, A. K., and B.H. Liskov
"A Language Extension for Expressing Constraints on Data Access," Communications of the ACM, May 1978, pp. 358-367.

Key Words: models, control, case.
- KAM-77
Kam, J.B.
"A Model of Statistical Data Bases and Their Security," ACM Trans. Database Systems, March 1977, pp. 1-10.

Key Words: statistical, models.
- KAT-73
Katzan, H., Jr.
Computer Data Security, J.Wiley & Sons, New York, 1973.

Key Words: book, methods, general.
- KIE-78
Kieburtz, R.B., A. Silberschatz
"Capability Managers," IEEE Trans. Software Engr., November 1978, pp. 467-477.

Key Words: control, capability.
- JON-75
Jones, A.K., and R.J. Lipton,
"The Enforcement of Security Policies for Computation," ACM Operating Systems Review, No. 5, 1975, pp. 197-206.

Key Words: policies, methods.

- LAM-69
Lampson, B.W.,
"Dynamic Protection
Structures," Proc. Fall Joint
Comp. Conf., AFIPS Press,
Reston, VA, 1969, pp. 27-38.
- Key Words: models,
methods.
- LAM-71
Lampson, B.W.,
"Protection," Proc. 5th
Princeton Conference on
Information Systems
Sciences, 1971, pp. 437-443.
- Key Words: models, theory,
methods.
- LAM-73
Lampson, B.W.,
"A Note on the Confinement
Problem," Communications of
the ACM, October 1973, pp.
613-615.
- Key Words: covert channel.
- LAM-76
Lampson, B.W., and
H.E. Sturgis
"Reflections on an Operating
System Design,"
Communications of the
ACM, May 1976, pp. 251-
265.
- Key Words: OS, methods,
design.
- LAN-79
Lange, A.G.
Fraud and Abuse in
Government Benefit
Programs, U.S. Department
of Justice, Washington, DC,
November 1979.
- Key Words: crime,
government.
- LIN-75
Linde, T.A.
"Operating System
Penetration," Proc., 1975
Nat. Comp. Conf., AFIPS
Press, Reston, VA, pp. 361-
368.
- Key Words: OS,
vulnerabilities.
- LIN-76
Linden, T.A., (Ed.)
Security Analysis and
Enhancements of Computer
Operating Systems, IR 76-
1041, National Bureau of
Standards, Gaithersburg, MD,
April 1976.
- Key Words: OS, threats,
design.
- LIN-76a
Linden, T.,
"Operating System Structures
to Support Security and
Reliable Software," ACM
Computing Surveys, December
1976, pp. 409-445.
- Key Words: OS, design,
methods.
- LIP-77
Lipton, R.J., and L. Snyder
"A Linear Time Algorithm for
Deciding Subject Security,"
Journal of the ACM, July
1977, pp. 455-464.
- Key Words: control, theory.
- LIP-78
Lipton, R.J., and T.A. Budd
"On Classes of Protection
Systems," in De Millo, R.A.,
et. al., (Eds.), Foundations of
Secure Computations, 1978,
(10: DEM-78), pp. 281-296.
- Key Words: models, theory.
- LIP-78a
Lipton, R.J. and L. Snyder
"On Synchronization and
Security," in De Millo, R.A.,
et al., (Eds.), Foundations of
Secure Computations, 1978
(10: DEM-78), pp. 367-385.
- Key Words: models, theory.
- LOR-77
Lorie, R.A.
"Physical Integrity in a Large
Segmented Data Base," ACM
Trans. Database Systems,
March 1977, pp. 91-104.
- Key Words: database,
integrity.
- MAC-79
MacCauley, E., P. Drongowski,
"KSOS -- The Design of A
Secure Operating System,"
Proc., 1979 Nat. Comp. Conf.,
AFIPS Press, Reston, VA, pp.
345-353.
- Key Words: MLS, OS, design.
- MCP-74
McPhee, W.S.
"Operating System Integrity of
OS/VS2," IBM Systems
Journal, No. 3, 1974, pp. 230-
252.
- Key Words: OS,
vulnerabilities.
- MIL-76
Millen, J.,
"Security Kernel Validation In
Practice," Communications of
the ACM, May 1976, pp. 243-
250.
- Key Words: verification,
kernel.
- MIL-78
Millen, J.K.
"Constraints and Multilevel
Security," in DeMillo, R., et.
al. (Eds.), Foundations of
Secure Computing, (10: DEM-
78), 1978, pp. 205-222.
- Key Words: MLS, models,
theory.
- MIN-76
Minsky, N.
"Intentional Resolution of
Privacy Protection in Database
Systems," Communications of
the ACM, March 1976, pp.
148-159.
- Key Words: database, methods.
- MIN-78
Minsky, N.
"The Principle of Attenuation
of Privileges and Its
Ramifications," in DeMillo, R.,
(Eds.) Foundations of Secure
Computing, Academic Press,
New York, 1978, pp. 255-276.
- Key Words: models, theory.

MOR-73

Morris, J.H.
"Protection in Programming Languages," Communications of the ACM, January 1973, pp. 15-21.

Key Words: methods, software.

MOR-79

Morris, R., and K. Thompson
"Password Security: A Case History," Communications of the ACM, November 1979, pp. 594-597.

Key Words: control, case.

NEE-72

Needham, R.M.
"Protection Systems and Protection Implementation," Proc. Fall Joint Comp. Conf., AFIPS Press, Reston, VA, pp. 571-578.

Key Words: models, methods.

NEE-77

Needham, R.M., and R. Walker
"The Cambridge CAP Computer and Its Protection System," ACM Operating Systems Review, No. 4, 1977, pp. 1-10.

Key Words: OS, methods, case.

NEU-76

Neumann, P.G., et al.
"Software Development and Proofs of Multilevel Security," Proc., 2nd Internat. Conf. on Software Engr., October 1976,

Key Words: MLS, verification.

NEU-77

Neumann, P.G., et al.
A Provably Secure Operating System: The System, Its Applications, and Proofs, Stanford Research Institute, Menlo Park, CA, 1977.

Key Words: OS, verification, methods, design.

NEU-78

Neumann, P.G.,
"Computer Security Evaluation," Proc. 1978 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 1087-1095.

Key Words: threats, risk, methods.

NIE-75

Nielsen, N.R.
"Computers, Security, and the Audit Function," Proc., 1975 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 947-954.

Key Words: control, auditing.

NIE-76

Nielsen, N.R., B. Ruder, and D.H. Brandin,
"Effective Safeguards for Computer System Integrity," Proc. 1976 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 75-84.

Key Words: integrity, methods.

ORC-78

Orceyre, M.J., and R. Courtney, Jr.
Considerations in the Selection of Security Measures for Automatic Data Processing Systems, SP 500-50, National Bureau of Standards, Gaithersburg, MD, June 1978.

Key Words: guidelines, methods.

PET-67

Peters, B.
"Security Considerations in a Multi-Purpose Computer Systems," Proc. 1967 Spring Joint Comp. Conf., AFIPS Press, Reston, VA, pp. 283-286.

Key Words: methods, design.

POP-78

Popek, G., and C. Kline,
"Issues in Kernel Design," Proc., 1978 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 1079-1086.

Key Words: OS, kernel, design.

POP-78a

Popek, G.J., and D.A. Farber,
"A Model for Verification of Data Security in Operating Systems," Communications of the ACM, September 1978, pp. 737-749.

Key Words: OS, verification.

POP-79

Popek, G., et al.,
"UCLA Secure Unix," Proc. 1979 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 355-364.

Key Words: OS, design, case.

PUR-74

Purdy, G.
"A High Security Log-In Procedure," Communications of the ACM, August 1974, pp. 442-445.

Key Words: control, methods.

REE-74

Reed, S.K.,
D. Branstad, (Eds.)
Controlled Accessibility Workshop Report, TN 827, National Bureau of Standards, Gaithersburg, MD, May 1974.

Key Words: proceedings, models.

REI-78

Reiss, S.P.
"Medians and Database Security," in De Millo, R.A., et. al. (Eds.), Foundations of Secure Computing, 1978 (10: DEM-78), pp. 57-91.

Key Words: statistical, methods.

RUD-78

Ruder, B., and J.D. Madden
An Analysis of Computer Security Safeguards for Detecting and Preventing Intentional Computer Misuse, SP 500-25, National Bureau of Standards, Gaithersburg, MD, January 1978.

Key Words: threats, methods.

RUT-77

Ruthberg, Z.,
R. McKenzie (Eds.)
Audit and Evaluation of Computer Security, Proceedings of an Invitational Workshop, SP 500-19, National Bureau of Standards, Gaithersburg, MD, October 1977.

Key Words: proceedings, control, auditing.

SAL-74

Saltzer, J.,
"Protection and Control of Information Sharing in MULTICS," Communications of the ACM, July 1974, pp. 388-402.

Key Words: control, methods, case.

SAL-75

Saltzer, J., and
M.A. Schroeder,
"The Protection of Information in Computer Systems," Proceedings of the IEEE, September 1975, pp. 1278-1308.

Key Words: control, methods.

SCH-72

Schroeder, M.A., and
J.Saltzer,
"A Hardware Architecture for Implementing Protection Rings," Communications of the ACM, March 1972, pp. 157-170.

Key Words: control, hardware.

SCH-77

Schaefer, M., et al.
"Program Confinement in KVM/370," Proc. 1977 ACM National Conf., ACM, 1977, pp. 404-410.

Key Words: OS, methods, case.

SCH-77a

Schroeder, M.D., D.D. Clark, and J.H. Saltzer
"The Multics Kernel Design Project," Proc. 6th ACM Symposium on Operating Systems Principles, ACM, 1977, pp. 43-56.

Key Words: OS, kernel, design.

SCH-79

Schwartz, M.D.,
D.E. Denning, and
P.J. Denning
"Linear Queries in Statistical Databases," ACM Trans. Database Systems, March 1979, pp. 156-167.

Key Words: threats, statistical.

STO-74

Stonebraker, M., and E. Wong
"Access Control in a Relational Data Base Management System by Query Modification," Proc. 1974 ACM Annual Conf., ACM, 1974, pp. 180-186.

Key Words: DBMS, control, case.

STO-76

Stonebraker, M., P. Rubenstein
"The INGRES Protection System," Proc. 1976 ACM Natl. Conf., ACM, 1976, pp. 80-84.

Key Words: DBMS, control, case.

VER-78

Verhofstad, J.S.M.
"Recovery Techniques for Database Systems," ACM Computing Surveys, June 1978, pp. 167-195.

Key Words: database, recovery.

WAL-74

Walter, K.G. et al,
Primitive Models for Computer Security, ESD-TR-4-117, Case Western Reserve University, Cleveland, OH, 1974.

Key Words: MLS, models, theory.

WAR-67

Ware, W.H.
"Security and Privacy in Computer Systems," Proc. Spring Joint Comp. Conf., AFIPS Press, Reston, VA, 1967, pp. 279-282.

Key Words: policy, general.

WAR-67a

Ware, W.H.
"Security and Privacy: Similarities and Differences," Proc. Spring Joint Comp. Conf., AFIPS Press, Reston, VA, 1967, pp. 287-290.

Key Words: requirements, general.

WAR-70

Ware, W.H., (Ed.)
Security Controls for Computer Systems, Report R-609, Rand Corporation, Santa Monica, CA, February 1970, (Reissued as R-609-1, October 1979).

Key Words: policy, models, methods.

WEI-69

Weissman, C.,
"Security Controls in the
ADEPT-50 Time-Sharing
System," Proc. Fall Joint
Comp. Conf., AFIPS Press,
Reston, VA, 1969, pp. 119-
133.

Key Words: MLS, OS,
models, case.

WEI-75

Weissman, C.
"Secure Computer Operation
with Virtual Machine
Partitioning," Proc., 1975 Natl.
Comp. Conf., AFIPS Press,
Reston, VA, pp. 929-934.

Key Words: OS, methods,
design.

WOO-77

Wood, H.
The Use of Passwords for
Controlled Access to
Computer Resources, SP 500-
9, National Bureau of
Standards, Gaithersburg, MD,
May 1977.

Key Words: guidelines,
control.

WOO-79

Woodward, J.P.L.
"Applications of Multilevel
Secure Operating Systems,"
Proc. 1979 Natl. Comp. Conf.,
AFIPS Press, Reston, VA, pp.
821-830.

Key Words: MLS, OS,
general.

C. Communications Security

AME-78

Ames, S.R.,
D.R. Oesterreicher
"Design of a Message
Processing System for a
Multilevel Secure
Environment," Proc. 1978
Natl. Comp. Conf., AFIPS,
Reston, VA, pp. 765-771.

Key Words: MLS, design,
case.

BLA-79

Blakely, G.R.,
"Safeguarding Cryptographic
Keys," Proc. 1979 Natl.
Comp. Conf., AFIPS Press,
Reston, VA, pp. 313-317.

Key Words: crypto, keys,
control.

BRA-78

Branstad, D.K. (Ed.)
Computer Security and the
Data Encryption Standard, SP
500-27, National Bureau of
Standards, Gaithersburg, MD,
February 1978.

Key Words: DES, crypto,
general.

BRA-78

Branstad, D.K.
"Security of Computer
Communications," IEEE
Communications Magazine,
November 1978, pp. 33-40.

Key Words: methods,
networks.

BRI-76

Bright, H.S., and R.L. Enison
"Cryptography Using Modular
Software Elements," Proc.
1976 Natl. Comp. Conf.,
AFIPS, Reston, VA, pp. 113-
123.

Key Words: crypto, software.

BUR-76

Burris, H.R.
"Computer Network
Cryptography Engineering,"
Proc. 1976 Natl. Comp. Conf.,
AFIPS Press, Reston, VA, pp.
91-96.

Key Words: crypto, design.

COL-78

Cole, G.D., and F. Heinrich
Design Alternatives for
Computer Network Security,
SP 500-21, National Bureau of
Standards, Gaithersburg, MD,
January 1978.

Key Words: network, design.

DEN-79

Denning, D.E.
"Secure Personal Computing in
an Unsecure Network,"
Communications of the ACM,
August 1979, pp. 476-482.

Key Words: PC, network,
crypto.

DIF-76

Diffie, W., and M. Hellman,
"New Directions in
Cryptography," IEEE Trans. on
Inform. Theory, November
1976, pp. 644-654.

Key Words: crypto, theory.

- DIF-77
Diffie, W., and M.E. Hellman
"Exhaustive Cryptanalysis of the NBS Data Encryption Standard," IEEE Computer, June 1977, pp. 74-84.
- Key Words: DES, analysis.
- DIF-79
Diffie, W., and M. Hellman,
"Privacy and Authentication: An Introduction to Cryptography," Proceedings of the IEEE, March 1979, pp. 397-429.
- Key Words: crypto, genral.
- EHR-78
Ehram, W.F., et al.
"A Cryptographic Key Management Scheme for Implementing the Data Encryption Standard," IBM Systems Journal, No. 2, 1978, pp. 106-125.
- Key Words: DES, crypto, keys.
- FEI-75
Feistel, H., W. Notz, and J. Smith,
"Some Cryptographic Techniques for Machine-to-Machine Data Communications," Proceedings of the IEEE, November 1975, pp. 1545-1554.
- Key Words: crypto, general.
- GAI-77
Gait, J.
Validating the Correctness of the Hardware Implementations of the Data Encryption Standard, SP 500-20, National Bureau of Standards, Gaithersburg, MD, November 1977.
- Key Words: DES, crypto, hardware.
- GAO-77
Vulnerabilities of Telecommunications Systems to Unauthorized Use, LSD-77-102, U.S. General Accounting Office, Washington, DC, 31 March 1977.
- Key Words: network, threats.,
- HEL-77
Hellman, M.E.
"An Extension of Shannon Theory Approach to Cryptography," IEEE Trans. Informat. Theory, May 1977, pp. 289-294.
- Key Words: crypto, theory.
- KAH-67
Kahn, D.
The Codebreakers, Macmillan, New York, 1967.
- Key Words: book, crypto, general.
- KAM-78
Kam, J.B., and G.I. Davida
"A Structured Design of Substitution Permutation Encryption Network," De Millo, R.A., (Ed.), Foundations of Secure Computing, 1978, (10: DEM-78), pp. 95-131.
- Key Words: crypto, design.
- KAR-78
Karger, P.A.
"The Lattice Model in a Public Computing Network," Proc. ACM Natl. Comp. Conf., 1978, pp. 453-459.
- Key Words: modesl, network.
- KLI-79
Kline, C.S., and G.J. Popek
"Public-Key vs. Conventional Key Encryption," Proc. 1979 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 831-838.
- Key Words: crypto, public-key.
- LEM-79
Lempel, A.
"Cryptology in Transition," ACM Computing Surveys, December 1979, pp. 285-303.
- Key Words: crypto, general.
- LEN-78
Lennon, R.E.,
"Cryptography Architecture for Information Security," IBM Systems Journal, No. 2, 1978, pp. 138-150.
- Key Words: crypto, design.
- LIE-78
Lientz, B.P., and I.R. Weiss
"Tradeoffs of Secure Processing in Centralized vs. Distributed Networks," Computer Networks, February 1978, pp. 35-43.
- Key Words: networks, design.
- MAT-78
Matyas, S.M., and C.H. Meyer
"Generation, Distribution, and Installation of Cryptographic Keys," IBM Systems Journal, No. 2, 1978, pp. 126-137.
- Key Words: crypto, methods, keys.
- MAT-79
Matyas, S.M.
"Digital Signatures: An Overview," Computer Networks, April 1979, pp. 87-94.
- Key Words: signatures, general.
- MER-78
Merkle, R.,
"Secure Communication Over Insecure Channels," Communications of the ACM, April 1978, pp. 294-299.
- Key Words: crypto, methods.

MER-78a

Merkle, R.C., and M.E. Hellman
"Hiding Information and Signatures in Trapdoor Knapsacks," IEEE Trans. on Inform. Theory, September 1978, pp. 525-530.

Key Words: crypto, knapsack.

MEY-73

Meyer, C.H.
"Design Considerations for Cryptography," Proc. 1973 Natl. Comp. Conf., AFIPS Press, Reston, VA, 1973.

Key Words: crypto, design.

MEY-78

Meyer, C.H.
"Ciphertext/Plaintext and Ciphertext/Key Dependence vs. Number of Rounds for the Data Encryption Standard," Proc. 1978 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 1119-1126.

Key Words: DES, design.

MIC-79

Michelman, E.H.
"The Design and Operation of Public-Key Cryptosystems," Proc. 1979 Natl. Comp. Conf., AFIPS Press, Reston, VA, pp. 115-119.

Key Words: crypto, public-key, design.

NBS-77

Data Encryption Standard, FIPS PUB 46, National Bureau of Standards, Gaithersburg, MD, 15 January 1977.

Key Words: DES, crypto, general.

NEE-78

Needham, R. and Schroeder, M.,
"Using Encryption for Authentication in Large Networks of Computers," Communications of the ACM, December 1978, pp. 993-999.

Key Words: crypto, control, authentication.

PAD-79

Padlipsky, M.A., et al.
"KSOS -- Computer Network Applications," Proc. 1979 Na. Comp. Conf., AFIPS Press, Reston, VA, pp. 373-382.

Key Words: OS, network, methods.

PEL-79

Peleg, S., and A. Rosenfeld
"Breaking Substitution Ciphers Using a Relaxation Algorithm," Communications of the ACM, November 1979, pp. 598-605.

Key Words: analysis, crypto, algorithms.

PLE-77

Pless, V.S.
"Encryption Schemes for Computer Confidentiality," IEEE Trans. on Computers, November 1977, pp. 1133-1136.

Key Words: control, crypto.

POP-78

Popek, G.J., and C.S. Kline
"Encryption Protocols, Public Key Algorithms and Digital Signatures in Computer Networks," in De Millo, R.A., (Ed.), Foundations of Secure Computing, 1978, (10: DEM-78), pp. 133-153.

Key Words: crypto, protocols.

POP-79

Popek, G.J., and C.S. Kline
"Encryption and Secure Computer Networks," ACM Computing Surveys, December 1979, pp. 331-356.

Key Words: crypto, networks.

RAB-78

Rabin, M.O.
"Digitalized Signatures," in De Millo, R.A., (Ed.), Foundations of Secure Computing, 1978, (10: DEM-78), pp. 155-168.

Key Words: signatures, general.

RIV-78

Rivest, R., A. Shamir, and L. Adleman
"A Method for Obtaining Digital Signatures and Public-Key Cryptosystems," Communications of the ACM, February 1978, pp. 120-126.

Key Words: RSA, public-key, signatures.

SHA-49

Shannon, C.E.,
"A Communications Theory of Secrecy Systems," Bell System Techn. Journal, October 1949, pp. 656-715.

Key Words: crypto, theory.

SHA-79

Shamir, A.
"How to Share a Secret," Communications of the ACM, November 1979, pp. 612-613.

Key Words: crypto, protocols.

SKA-69

Skatrud, R.O.
"A Consideration of Applying Cryptographic Techniques to Data Processing," Proc., Fall Joint Comp. Conf., AFIPS Press, Reston, VA, 1969, pp. 111-117.

Key Words: crypto, methods.

SIM-79

Simmons, G.,
"Symmetric and Asymmetric
Encryption," ACM
Computing Surveys,
December 1979, pp. 117-128.

Key Words: crypto, methods.

SMI-72

Smith, J.L., W.A. Notz,
and P.R. Osseck
"An Experimental Application
of Cryptography to a
Remotely Accessed Data
System," Proc. ACM Natl.
Conf., 1972, pp. 282-297.

Key Words: crypto, case.

SMI-79

Smid, M.E.
A Key Notarization System
for Computer Networks, SP
500-54, National Bureau of
Standards, Gaithersburg, MD,
October 1979.

Key Words: crypto,
management, keys, case.

D. Privacy

BER-75

Berg, J. (Ed.)
Exploring Privacy and Data
Security Costs: Summary of
a Workshop, TN 876,
National Bureau of Standards,
Gaithersburg, MD, August
1975.

Key Words: privacy, design.

COE-73

Protection of the Privacy of
Individuals Vis-a-Vis
Electronic Data Banks in the
Private Sector, Resolution
(73)22, Council of Europe,
Strasbourg, France, 26
September 1973.

Key Words: privacy, policy.

TUR-73

Turn, R.
"Privacy Transformations for
Databank Systems," Proc.
1973 Natl. Comp. Conf.,
AFIPS Press, Reston, VA, pp.
589-600.

Key Words: crypto, general.

WIN-74

Winkler, S., and L. Danner
"Data Security in the
Communications
Environment," IEEE
Computer, February 1974, pp.
23-31.

Key Words: methods,
network.

WOO-77

Wood, H.M.
"Using Passwords for
Controlling Access to Remote
Computer Systems and
Services," Proc. 1977 Natl.
Comp. Conf., AFIPS Press,
Reston, VA, pp. 27-33.

Key Words: control, network,
passwords, methods.

WOO-79

Wood, H.M.
"Access Control Mechanisms
for a Network Operating
System," Proc. 1979 Natl.
Comp. Conf., AFIPS Press,
Reston, VA, pp. 821-830.

Key Words: OS, control,
network.

COE-74

Protection of the Privacy of
Individuals Vis-a-Vis
Electronic Data Banks in the
Public Sector, Resolution
(74)29, Council of Europe,
Strasbourg, France, 20
September 1974.

Key Words: privacy, policy.

CON-68

Privacy and the National
Databank Concept, House
Report No. 1842, House
Committee on Government
Operations, U.S. Congress,
Washington, DC, May 2,
1968.

Key Words: Congress,
privacy.

CON-74

Privacy Act of 1974, (P.L. 93-
579), U.S. Congress,
Washington, DC, 1974.

Key Words: PA, privacy, laws.

CON-76

Legislative History of the
Privacy Act of 1974, Source
Book on Privacy, Senate
Committee on Government
Operations, U.S. Congress,
Washington, DC, 1976.

Key Words: Congress, PA,
privacy.

CTF-72

Privacy and Computers,
Report of A Task Force of
Departments of
Communication and Justice,
Information Canada, Ottawa,
1972.

Key Words: privacy, foreign.

DUN-67

Dunn, E.S., Jr.
"The Idea of National Data
Center and the Issue of
Personal Privacy," American
Statistician, February 1967,
pp. 21-27.

Key Words: privacy, threats,
methods.

FLA-79

Flaherty, D.H.
Privacy and Government
Data Banks: International
Perspective, Mansell
Publishing, London, 1979.

Key Words: book, privacy,
foreign.

FON-77

Fong, E.
A Data Base Management
Approach to Privacy Act
Compliance, SP 500-10,
National Bureau of Standards,
Gaithersburg, MD, June
1977.

Key Words: privacy, PA,
methods.

GOL-75

Goldstein, B.
The Cost of Privacy,
Honeywell Information
Systems, Brighton, MA,
1975.

Key Words: book, privacy,
design.

GOL-76

Goldstein, R.C., H.H. Seward,
and R.L. Nolan
A Methodology for Evaluating
Alternative Technical and
Information Management
Approaches to Privacy
Requirements, TN 906,
National Bureau of Standards,
Gaithersburg, MD, June 1976.

Key Words: privacy, methods.

HAR-67

Harrison, A.
The Problem of Privacy in the
Computer Age: An Annotated
Bibliography, RM-5495-
PR/RC, The Rand
Corporation, Santa Monica,
CA, December 1967.

Key Words: privacy,
awareness.

HAR-69

Harrison, A.
The Problem of Privacy in the
Computer Age: An Annotated
Bibliography, Vol. 2, RM-
5495/1-PR/RC, The Rand
Corporation, Santa Monica,
CA, December 1969.

Key Words: privacy,
awareness.

HOF-69

Hoffman, L.J.
"Computers and Privacy: A
Survey," ACM Computing
Surveys, June 1969, pp. 85-
103.

Key Words: privacy, general.

HON-75

Hondius, F.W.
Emerging Data Protection in
Europe, North-Holland
Publishing Co., Amsterdam,
1975.

Key Words: privacy, foreign.

HUN-74

Hunt, M.K., and R. Turn
Privacy and Security in
Databank Systems: An
Annotated Bibliography, R-
1361-NSF, The Rand
Corporation, Santa Monica,
CA, 1974.

Key Words: privacy,
awareness.

KIR-79

Kirby, M.D.
"Developing International
Rules to Privacy," Computer
Networks, June 1979, pp. 149-
163.

Key Words: privacy, policy,
foreign, laws.

LIN-77

Linowes, D.F. (Chrmn.)
Personal Privacy in an
Information Society, Report of
the Privacy Protection Study
Commission, Government
Printing Office, Washington,
DC, 1977.

Key Words: privacy, general,
PA, policy, laws.

LIN-78

Lindrop, N. (Chrmn.)
Report of the Committee on
Data Protection, Cmnd. 7341,
Her Majesty's Stationery
Office, London, December
1978.

Key Words: privacy, general,
policy, foreign.

MAS-79

Masuda, Y.
"Privacy in the Future
Information Society,"
Computer Networks, June
1979, pp. 164-170.

Key Words: privacy, general.

- MIL-69
Miller, A.R.
"Personal Privacy in the
Computer Age: The
Challenge of a New
Technology in an
Information-Oriented
Society," Michigan Law
Review, April 1969, pp.
1089-1247.
- Key Words: threats, privacy,
policy, requirements.
- MIL-71
Miller, A.
The Assault on Privacy,
University of Michigan Press,
Ann Arbor, MI, 1971.
- Key Words: book, privacy,
policy, threats, laws.
- MUR-72
Murray, J.A., (Ed.)
Information Processing and
the Right of Privacy: A
Crossroads Decision for
North Americans, University
of Windsor Press, Windsor,
Canada, 1972.
- Key Words: proceedings,
privacy, policy, foreign.
- OEC-76
Policy Issues in Data
Protection and Privacy, Proc.,
1974 OECD Seminar in
Paris, Organization for
Economic Cooperation and
Development, Paris, 1976.
- Key Words: proceedings,
privacy, policy, foreign.
- OEC-79
Transborder Data Flows and
the Protection of Privacy,
Proc. 1977 OECD
Symposium in Vienna,
Organization for Economic
Cooperation and
Development, Paris, 1979.
- Key Words: proceedings,
privacy, TDF, policy, foreign.
- ONL-76
Privacy and the Computer,
OnLine Conferences, Ltd.,
Uxbridge, England, 1976.
- Key Words: proceedings,
privacy, policy, foreign, laws.
- ONL-78
Transnational Data Regulation,
Proceedings of Brussels Conf.,
OnLine Conferences, Ltd.,
Uxbridge, England, 1978.
- Key Words: proceedings,
TDF, privacy, foreign.
- ROO-79
Rooms, P.L.P., and
J.D. Rooms
"Problems of Data Protection
Law for Private Multinational
Communications Networks,"
Computer Networks, June
1979, pp. 205-218.
- Key Words: TDF, privacy,
laws.
- ROS-89
Rosenberg, J.M.
The Death of Privacy,
Random House, New York,
1969.
- Key Words: book, privacy,
threats.
- SIE-76
Sieghart, P.
Privacy and Computers,
Latimer, London, 1976.
- Key Words: book, privacy,
general.
- SMI-79
Smith, R.E.
Privacy -- How to Protect
What's Left of It, Anchor
Press/Doubleday, New York,
1979.
- Key Words: book, privacy,
general.
- STA-79
Stadler, G.
"Survey of National Data
Legislation," Computer
Networks, June 1979, pp. 174-
186.
- Key Words: privacy, laws,
foreign.
- STE-79
Steinmueller, W.,
"Legal Problems of Computer
Networks: A Methodical
Survey," Computer Networks,
June 1979, pp. 187-198.
- Key Words: privacy, laws,
networks.
- TUR-76
Turn, R., and W.H. Ware
"Privacy and Security Issues in
Information Systems," IEEE
Trans. on Computers,
December 1976, pp. 1353-
1361.
- Key Words: privacy, general.
- TUR-77
Turn, R.
"Privacy Protection in
Information Systems," in
Yovits, M.C. (Ed.), Advances
in Computers, Vol. 16, 1977,
pp. 221-335.
- Key Words: privacy, general.
- TUR-79
Turn R. (Ed.)
Transborder Data Flows, Vol.
1: Concerns for Privacy and
Free Flow of Information,
AFIPS Press, Reston, VA,
1979.
- Key Words: TDF, policy,
general.
- UCL-68
"The Computerization of
Government Files: What
Impact on Individual?," UCLA
Law Review, September 1968,
pp. 1371-1498.
- Key Words: privacy, threats.

WAR-73

Ware, W.H. (Chmn.)
Records, Computers, and
Rights of Citizens, HEW
Secretary's Advisory Commit.
on Automated Personal Data
Systems, Dept. of Health,
Education and Welfare,
Washington, DC, July 1973.

Key Words: privacy, policy.

WES-67

Westin, A.F.
Privacy and Freedom,
Atheneum Publishers, New
York, 1967.

Key Words: privacy, general.

WES-72

Westin, A.F., and M.A. Baker
Databanks in a Free Society,
Quadrangle Books, New York,
1972.

Key Words: privacy, general.

WES-76

Westin, A.F.
Computers, Health Records,
and Citizen Rights, NBS
Monog. 157, National Bureau
of Standards, Gaithersburg,
MD, December 1976.

Key Words: privacy, medical.

WES-79

Westin, A.F.
Computers, Personnel
Administration, and Citizen
Rights, SP 500-50, National
Bureau of Standards,
Gaithersburg, MD, DC, July
1979.

Key Words: privacy, policy,
employment.

YOU-72

Younger, K. (Chmn.)
Report to the Committee on
Privacy, Cmnd. 5012, Her
Majesty's Stationery Office,
London, July 1972.

Key Words: privacy, foreign.

Appendix A: Periodicals

This appendix contains a list of the periodicals cited in this bibliography.

Assets Protection.

Paul D. Shaw, Editor.
Assets Protection Publishing,
PO Box 5323, Madison, WI
53705. 608-231-3817 (Vol. 5
in 1989).

Auerbach Data Security

Management Bimonthly.

Rich Mansfield, Editor.
Auerbach Information
Management Series, Auerbach
Publishers Inc., a Warren,
Gorham & Lamont company,
One Penn Plaza, New York,
NY 10119. 212-971-5000
(Vol. 9 in 1989).

IEEE Cipher Quarterly.

Newsletter of the IEEE Computer
Society's Technical Committee on
Security and Privacy.

Dave Bailey, Editor.
IEEE Computer Society, 1730
Massachusetts Ave. N.W.,
Washington, DC 20036-1903.
505-846-4600 (Vol. 10 in
1989).

COM-AND, Computer Audit

News and Developments

Bimonthly.

J.F. Kuong, Editor.
Management Advisory
Publicat., PO Box 81151,
Wellesley Hills, MA 02181.
617-235-2895 (Vol. 7 in
1989).

Computer Control Quarterly.

K.J. Fitzgerald, Editor.
26 Washington Avenue, East
Malvern, Victoria, 3145
Australia. (Vol. 9 in 1989).

Computer Fraud and Security

Bulletin Monthly.

Michael Comer, Editor.
Elsevier Science Publishing
Ltd., Mayfield House, 256
Bradbury Road, Oxford OX2
7DH, U.K. (Vol. 11 in 1989).

Computer Law and Security

Report Bimonthly.

Stephen Saxby, Editor.
Eclipse Publications Ltd., 18-20
Highbury Place, London, N5
1QP, U.K., Tel:01-354-5858.
Ed: 0703-593404 (Vol. 5 in
1989).

Computer/Law Journal Quarterly.

Michael D. Scott, Editor.
Center for Computer/Law, PO
Box 3549, Manhattan Beach,
CA 90266. 213-470-6361 (Vol.
9 in 1989).

Computer Security Newsletter

Bimonthly.

Russell Kay, Editor.
Computer Security Institute,
360 Church Street, Northboro,
MA 01532. 508-393-2600 (No.
9 in Oct. 1989).

Computer Security Digest

Monthly.

Jack Bologna and Tim
Schabeck, Editors.
Computer Protection Systems,
Inc., 150 North Main St.,
Plymouth, MI 48170.
313-459-8787 (Vol. 7 in 1989).

Computer Security Journal

Irregular.

Russel Kay, Editor.
Computer Security Institute,
360 Church Street, Northboro,
MA 01532. 508-393-2600 (Vol.
5 in 1989).

Computer Security Products

Report Quarterly.

Paul D. Shaw, Editor.
The Territorial Imperative Inc.,
PO Box 5323, Madison, WI
53705. 608-231-3817 (New in
1986).

Computers & Security Quarterly.

Paul Evans, Editor.
Elsevier Science Publishing
Ltd., Mayfield House, 256
Bradbury Road, Oxford OX2
7DH, U.K. (Vol. 8 in 1989).

Computers & Society Quarterly.

Richard S. Rosenberg, Editor.
Newsletter, ACM Special
Interest Group on Computers
and Society (SIG/CAS), 11
West 42nd Street, New York,
NY 10036. Ed: 604-228-4142
(Vol. 19 in 1989).

COM-SAC: Computer Security, Auditing and Controls Quarterly.

J.F. Koung, Editor.
Management Advisory
Publicat., PO Box 81151,
Wellesley Hills, MA 02181.
617-235-2895 (Vol. 16 in
1989).

Corporate Security Digest Weekly.

Betty B. Borsage, Editor.
3918 Prosperity Ave., Suite
318, Fairfax, VA
22031-3334. 703-573-1600
(Vol. 3 in 1989).

CPR-J: Contingency Planning & Recovery Journal Quarterly.

J.F. Koung and C.M. Winters,
Editors.
Contingency Planning &
Recovery Institute and
Management Advisory
Publications, PO Box 81151,
Wellesley Hills, MA 02181.
617-235-2895 (Vol. 3 in
1989).

Cryptologia Quarterly.

David Kahn, et al., Editors.
Rose-Hulman Institute of
Technology, Terre Haute, IN
47803. 812-877-1511 (Vol. 13
in 1989).

Cryptosystem Journal Irregular.

Tony Patti, Editor.
9755 Oatley Lane, Burke,
VA 22015. 703-451-6664
(Vol. 2 in 1989).

Data Processing Auditing Report
Monthly.

Belden Menkus, Editor.
John Wiley & Sons, 600 3rd
Avenue, New York, NY
10158. 212-692-6000 (Vol.
11 in 1989).

Data Processing &
Communications Security
Quarterly.

Paul D. Shaw, Editor.
Assets Protection Publishing,
PO Box 5323, Madison, WI
53705. 608-231-3817 (Vol.
13 in 1989).

Datapro Reports on Information
Security Monthly.

Kristen A. Noakes-Fry,
Editor.
Datapro Research
Corporation, 600 Delran
Parkway, Delran, NJ 08075.
609-764-0100.

Data Security Letter 9 times a
year.

Theresa F. Lunt, Editor.
Berson & Lunt, PO Box
1593, Palo Alto, CA 94302.
415-325-3662 (Vol. 3 in
1989).

Disaster Recovery Journal
Quarterly.

Richard Arnold,
Editor-in-Chief.
5712 Meramar Drive, St.
Louis, MO 63129.
314-846-1001 (Vol. 2 in
1989)

EDPACS: EDP Audit, Control
and Security Newsletter Monthly.

Belden Menkus,
Editor-in-Chief.
Warren, Gorham & Lamont,
One Penn Plaza, New York,
NY 10119. (Vol. 17 in
1989).

EDP Auditor Quarterly.

William E. Perry, Editor.
EDP Auditors Association, 373
S. Schmale Rd, Carol Stream,
IL 60187. 312-653-0950 (Vol.
18 in 1989).

EDP Security Bulletin/Securite de
L'informatique Irregular.

Linda Kirk, Editor.
EDP Security Branch, Royal
Canadian Mounted Police, 1200
Vanier Parkway, Ottawa, K1A
0R2 Canada. 613-993-8783

IACR Newsletter Quarterly.

Newsletter of the International
Association for Cryptologic
Research.
G.B. Agnew, Editor.
Editor: Dept. of Electrical
Engineering, University of
Waterloo, Waterloo, Ontario
N@L 3G1, Canada.
519-885-1211 Ext. 3041 (Vol. 6
in 1989).

Information Age Quarterly.

J. Hayes, Editor.
Butterworth Scientific Ltd., PO
Box 63, Westbury House, Bury
Street, Guilford, Surrey GU2
5BH, England. (Vol. 11 in
1989).

Information Privacy
See Information Age

Information Security Advisor
Monthly.

Sanford Sherizen, Editor.
Auerbach Publishers, Inc. A
Warren, Gorham and Lamont
Company, 210 South Street,
Boston, MA 02111.
212-971-5271.

Information Security Monitor

Jack Smith, Editor.
IBC Technical Services Ltd.,
57/61 Mortimer Street, IBC
House, Canada Road, Byfleet,
Surrey, KT14 7JL, U.K.

Internal Auditor Bimonthly.

Institute of Internal Auditors,
149 Maitland Avenue,
Altamonte Springs, FL 32701.
305-830-7600.

International Computer Law
Advisor Monthly.

Michael Scott, Editor.
Law and Technology Press,
PO Box 3280, Manhattan
Beach, CA 90266.
213-470-9976 (Vol. 3 in
1989).

ISAC Info (Information Security
and Access Control) Bi-monthly.

Isolation Systems Inc., 14800
Quorum Drive, Dallas, TX
75240. 214-404-0897 (Vol. 1
in 1989).

ISPNews: INFOSecurity Product
News Bimonthly.

498 Concord Street,
Farmington, MA 01701.
508-879-7999 (New in 1990).

ISSA Access Quarterly.

Cherie G. Smith, Editor.
Information Systems Security
Association, Inc., PO Box
9457, Newport Beach, CA
92658. 714-250-4772 (Vol. 2
in 1989).

Journal of Cryptology Irregular.

Ernest F. Brickell,
Editor-in-Chief.
International Association of
Cryptologic Research. Springer
Verlag New York, Inc., 175
Fifth Ave., New York, NY
10010. 212-460-1612 (Vol. 1
in 1989).

Journal of Information Systems
Security Quarterly.

Gregory W. Therklasen,
Peter S. Browne, and
William H. Murray,
Consulting Editors.
Auerbach Publishers, A
Division of Gorham &
Lamont, Inc., 210 South
Street, Boston, MA
02111-9990. 800-950-1217
(New in 1989)

Journal of Security Administration
Semiannual.

Norman R. Bottom, Editor.
London House Press, 1550
Northwest Highway, Park
Ridge, IL 60068.
305-279-9437 (Vol. 11 in
1989).

PIN: Personal Identification News
11 times a year.

Ben Miller and George Warfel, Editors.
Warfel & Miller, Inc., PO Box 11018, Washington, DC 20008. 301-652-9050 (Vol. 5 in 1989).

Privacy Journal Monthly.

Robert E. Smith, Editor.
PO Box 15300, Washington, DC 20003. 202-547-2865 (Vol. 15 in 1989).

Privacy Times Bi-weekly.

Evan Hendricks, Editor.
PO Box 21501, Washington, DC 20009. 202-526-2415 (Vol. 7 in 1986).

Quality Assurance Quest Monthly.

W.E. Perry, Editor.
Quality Assurance Institute, Suite 350, Dr. Phillips Blvd. Orlando, FL 32819. 407-363-1111 (Vol. 9 in 1989).

Risk Analysis Quarterly.

Journal of the Society for Risk Analysis.

Curtis Travis, Editor-in-Chief.
Plenum Publishing Co., 233 Spring Street, New York, 10013. (Vol. 9 in 1989).

Rutgers Computer and Technology Law Journal. Semiannual.

Frances Bouchoux, Editor-in-Chief.
Rutgers Law School, 15 Washington Street, Newark, NJ 07102. 201-648-5549 (Vol. 12 in 1986).

Security Monthly.

Cahners Publishers, 44 Cook Street, Denver, CO 80206. 303-388-4511 (New in 1989).

Security, Audit & Control Review Quarterly.

Tom Richards, Editor.
ACM Special Interest Group on Security, Audit and Control (SIG/SAC), 11 West 42nd Street, New York, NY 10036. 817-565-3110 (Vol. 6 in 1989).

Security Letter Biweekly.

Robert McCrie, Editor.
Security Letter, 166 East 96th St., New York, NY 10128. 212-348-1553 (Vol. 20 in 1989).

Security Management Monthly.

American Association for Industrial Security (ASIS), 1655 North Fort Myer Drive, Suite 1200, Arlington, VA 22209. 703-522-5800 (Vol. 33 in 1989).

Security Systems Administration Monthly.

Thomas S. Kapinos, Editor.
PTN Publishing Co., 101 Crossways Park West, Woodbury, NY 11797. 516-496-8000 (Vol. 18 in 1989).

Security World Monthly.

Kerrigan Lyndon, Editor.
Cahners Publishing Co., Cahners Plaza, 1350 E. Touhy Avenue, PO Box 5080, Des Plaines, IL 60018. 312-635-8800 (Vol. 26 in 1989).

Software Law Journal Quarterly.

Michael D. Scott, Editor.
Center for Computer/Law, PO Box 3549, Manhattan Beach, CA 90266. 213-470-6361 (Vol. 2 in 1989).

Software Protection Monthly.

Michael Scott, Editor.
Law and Technology Press, PO Box 3280, Manhattan Beach, CA 90266. 213-470-9976 (Vol. 8 in 1989).

Transnational Data Report Monthly.

Timothy G. Donovan, Editor.
Transnational Data Reporting Service, Inc., PO Box 2039, Springfield, VA 22152. 202-488-3434 (Vol. 12 in 1989).

The EDP Auditor Journal

The EDP Auditors Foundation, PO Box 88180, Carol Stream, IL, 60188-0180.

Virus Bulletin Monthly.

Edward Wilding, Editor.
Virus Bulletin, Ltd., Haddenham, Aylesbury, HP17 8JD, U.K. +44 844 290396, or PO Box 875, 454 Main Street, Ridgefield, CT 06877. 203-431-8720 (Vol. 1 in 1989).

Appendix B: List of Key Words

This appendix contains a list of all the keywords used in each of the sections.

Section 1: General

awareness, book, crime, computer virus, Congress, contingency, ethics, general, government, guidelines, hackers, integrity, international, laws, legislation, PC [personal computer], physical, policy, risk, software piracy, techniques, threats, virus, vulnerabilities.

Section 2: Management

auditing, awareness, book, certification, computer virus, control [access control], denial [of service], general, government, guidelines, hackers, hardware, integrity, management, methods [mechanisms, procedures], PC [personal computer, microcomputer], personnel, physical, policy, proceedings, recovery [operational, disaster], requirement, risk [management], software, techniques, theory, virus [worm], vulnerabilities.

Section 3: Foundations

authentication, capability, case [specific description], control, covert channel, database, discretionary, flow, formal, inference [non-inference], integrity, LAN [local area network], methods, models, MLS [multi-level security], network [also distributed system], policy, proceedings, safety, specification, take-grant [specific access control model], theory, trusted [systems], verification, virus.

Section 4: Access Control

control [access], architecture, authentication [identification], book, capability [for access control], case [case study], design, discretionary, government, guidelines, hardware, integrity, management, mandatory, methods, OS [operating system], passwords, proceedings PC [personal computer], safety, software, techniques, trusted [system].

Section 5: Trusted Systems

architecture, authentication, book, capability, case [case study], certification, control, covert channel, criteria, cryptography, denial [of service], design, discretionary, general, government, guidelines, integrity, kernel, methods, MLS, models, network, OS [operating system], proceedings, specifications, software, TCB [trusted computing base], threat, techniques, theory, trusted [system], verification,

Section 6: Database Security

auditing, authentication, case [case study, example], control [access control], criteria, database [files, records], design, discretionary, distributed, encryption, government, guidelines, inference, integrity, kernel, DBMS [database management system], mandatory, methods, models, MLS, network [distributed], policy, privacy, proceedings, relational, requirements, software, statistical [databank], techniques, theory, trusted, verification, views [of database].

Section 7: Communication and Network Security

architecture, auditing, authentication, book, case [case study], controls, criteria, crypto [cryptography], DES [data encryption standard], design, distributed, EM [electronic mail], general, government, guidelines, hardware, keys [cryptographic], LAN [local area network], management, methods, MLS, models, network [also distributed system], OS [operating system], OSI [open systems interconnect], PC [personal computer, terminal], physical, policy, proceedings, protocols, public-key [cryptography], requirements, RSA [Rivest-Shamir-Adleman public-key algorithm], software, standards, techniques, threats [also covert channels], trusted [system], verification [also assurance], vulnerabilities.

Section 8: Cryptography

algorithms, analysis [also crypto-analysis], authentication [identification], book, check-sum, codes, complexity, DES [data encryption standard], design, evaluation, hardware, integrity, keys [cryptographic keys, management], knapsack [public-key algorithm], methods, proceedings, protocols, public-key [cryptographic method], oblivious [transfer protocol], one-way [functions], policy, random, RSA, research, signatures [digital], software, techniques, theory. threats, trap-door [functions], verification, vulnerabilities, zero [zero-information protocol].

Section 9: Privacy ("privacy" is implicit in all entries).

analysis, book, case [case study], confidentiality, Congress, credit [data], criminal [justice records], databank, design, EFTS [electronic funds transfer system], employment [records], FOI [freedom of information], foreign [countries other than the U.S.], general, government, guidelines, identifier, laws [legislation], management, matching, medical [records], oversight [of laws], PA [U.S. Privacy Act of 1974], proceedings, profiling, protection [of rights], records, requirements, rights [individual], social [sciences], statistical [data, databanks], surveillance, threats, TDF [transborder dataflow], use.

NIST-114A
(REV. 3-89)

U.S. DEPARTMENT OF COMMERCE
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

BIBLIOGRAPHIC DATA SHEET

1. PUBLICATION OR REPORT NUMBER

NIST/SP-800/1

2. PERFORMING ORGANIZATION REPORT NUMBER

3. PUBLICATION DATE

December 1990

4. TITLE AND SUBTITLE

Bibliography of Selected Computer Security Publications
January 1980 - October 1989

5. AUTHOR(S)

Rein Turn, compiler; Lawrence E. Bassham III, editor

6. PERFORMING ORGANIZATION (IF JOINT OR OTHER THAN NIST, SEE INSTRUCTIONS)

U.S. DEPARTMENT OF COMMERCE
NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
GAITHERSBURG, MD 20899

Rein Turn Associates
15239 Earlham St.
Pacific Palisades, CA

7. CONTRACT/GRANT NUMBER

43NANB922203

8. TYPE OF REPORT AND PERIOD COVERED

January 1980-October 1989

9. SPONSORING ORGANIZATION NAME AND COMPLETE ADDRESS (STREET, CITY, STATE, ZIP)

Same as item #6

10. SUPPLEMENTARY NOTES

☐ DOCUMENT DESCRIBES A COMPUTER PROGRAM; SF-185, FIPS SOFTWARE SUMMARY, IS ATTACHED.

11. ABSTRACT (A 200-WORD OR LESS FACTUAL SUMMARY OF MOST SIGNIFICANT INFORMATION. IF DOCUMENT INCLUDES A SIGNIFICANT BIBLIOGRAPHY OR LITERATURE SURVEY, MENTION IT HERE.)

This bibliography cites selected books and articles on computer security published from January 1980 through October 1989. To have been selected, an article had to be substantial in content and have been published in professional or technical journals, magazines, or conference proceedings. Only very substantial articles from the popular or trade press were included. English language articles from foreign journals were included as available. The citations are listed under nine categories. A tenth category of pre-1980 publications is also provided, as well as an appendix containing addresses of all journals and magazines referenced in the bibliography.

12. KEY WORDS (6 TO 12 ENTRIES; ALPHABETICAL ORDER; CAPITALIZE ONLY PROPER NAMES; AND SEPARATE KEY WORDS BY SEMICOLONS)

access controls; auditing; communications security; computer crime; computer security; confidentiality; cryptography; disaster recovery; integrity; privacy; risk management; trusted computing base.

13. AVAILABILITY

☒ UNLIMITED
FOR OFFICIAL DISTRIBUTION. DO NOT RELEASE TO NATIONAL TECHNICAL INFORMATION SERVICE (NTIS).
☒ ORDER FROM SUPERINTENDENT OF DOCUMENTS, U.S. GOVERNMENT PRINTING OFFICE,
WASHINGTON, DC 20402.
☒ ORDER FROM NATIONAL TECHNICAL INFORMATION SERVICE (NTIS), SPRINGFIELD, VA 22161.

14. NUMBER OF PRINTED PAGES

200

15. PRICE

ELECTRONIC FORM

**ANNOUNCEMENT OF NEW PUBLICATIONS ON
COMPUTER SECURITY**

Superintendent of Documents
Government Printing Office
Washington, DC 20402

Dear Sir:

Please add my name to the announcement list of new publications to be issued in the series: National Institute of Standards and Technology Special Publication 800-.

Name _____

Company _____

Address _____

City _____ State _____ Zip Code _____

(Notification key N-503)

1. 2. 3.

4. 5.

6. 7.

NIST *Technical Publications*

Periodical

Journal of Research of the National Institute of Standards and Technology—Reports NIST research and development in those disciplines of the physical and engineering sciences in which the Institute is active. These include physics, chemistry, engineering, mathematics, and computer sciences. Papers cover a broad range of subjects, with major emphasis on measurement methodology and the basic technology underlying standardization. Also included from time to time are survey articles on topics closely related to the Institute's technical and scientific programs. Issued six times a year.

Nonperiodicals

Monographs—Major contributions to the technical literature on various subjects related to the Institute's scientific and technical activities.

Handbooks—Recommended codes of engineering and industrial practice (including safety codes) developed in cooperation with interested industries, professional organizations, and regulatory bodies.

Special Publications—Include proceedings of conferences sponsored by NIST, NIST annual reports, and other special publications appropriate to this grouping such as wall charts, pocket cards, and bibliographies.

Applied Mathematics Series—Mathematical tables, manuals, and studies of special interest to physicists, engineers, chemists, biologists, mathematicians, computer programmers, and others engaged in scientific and technical work.

National Standard Reference Data Series—Provides quantitative data on the physical and chemical properties of materials, compiled from the world's literature and critically evaluated. Developed under a worldwide program coordinated by NIST under the authority of the National Standard Data Act (Public Law 90-396). NOTE: The Journal of Physical and Chemical Reference Data (JPCRD) is published quarterly for NIST by the American Chemical Society (ACS) and the American Institute of Physics (AIP). Subscriptions, reprints, and supplements are available from ACS, 1155 Sixteenth St., NW., Washington, DC 20056.

Building Science Series—Disseminates technical information developed at the Institute on building materials, components, systems, and whole structures. The series presents research results, test methods, and performance criteria related to the structural and environmental functions and the durability and safety characteristics of building elements and systems.

Technical Notes—Studies or reports which are complete in themselves but restrictive in their treatment of a subject. Analogous to monographs but not so comprehensive in scope or definitive in treatment of the subject area. Often serve as a vehicle for final reports of work performed at NIST under the sponsorship of other government agencies.

Voluntary Product Standards—Developed under procedures published by the Department of Commerce in Part 10, Title 15, of the Code of Federal Regulations. The standards establish nationally recognized requirements for products, and provide all concerned interests with a basis for common understanding of the characteristics of the products. NIST administers this program as a supplement to the activities of the private sector standardizing organizations.

Consumer Information Series—Practical information, based on NIST research and experience, covering areas of interest to the consumer. Easily understandable language and illustrations provide useful background knowledge for shopping in today's technological marketplace.

Order the above NIST publications from: Superintendent of Documents, Government Printing Office, Washington, DC 20402.

Order the following NIST publications—FIPS and NISTIRs—from the National Technical Information Service, Springfield, VA 22161.

Federal Information Processing Standards Publications (FIPS PUB)—Publications in this series collectively constitute the Federal Information Processing Standards Register. The Register serves as the official source of information in the Federal Government regarding standards issued by NIST pursuant to the Federal Property and Administrative Services Act of 1949 as amended, Public Law 89-306 (79 Stat. 1127), and as implemented by Executive Order 11717 (38 FR 12315, dated May 11, 1973) and Part 6 of Title 15 CFR (Code of Federal Regulations).

NIST Interagency Reports (NISTIR)—A special series of interim or final reports on work performed by NIST for outside sponsors (both government and non-government). In general, initial distribution is handled by the sponsor; public distribution is by the National Technical Information Service, Springfield, VA 22161, in paper copy or microfiche form.

U.S. Department of Commerce
National Institute of Standards and Technology
(formerly National Bureau of Standards)
Gaithersburg, MD 20899

Official Business
Penalty for Private Use \$300