
Rein Turn
Lawrence E. Bassham III
Bibliography of Selected Computer Security Publications
January 1980–October 1989

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COMPUTER SECURITY

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

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

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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.

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CODEN: NSPUE2

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON: 1990

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.
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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
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
Author
Title
Journal title (or publishing house)
Date and page (or location and year)
Key words (two or three)

AAL-83
Aalder, J.C.H.
IFIP/Sec. '83, Stockholm, 1983, (2: FAK-83),
pp. 5-13.

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.

Key Words: guidelines, policy.

AAL-85
Aalders, J.C.H., I.S. Herschberg, and A. Van Zanten

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

ABA-84

Key Words: book, crime, laws, policy.

AGR-83
Agranoff, M.H.

Key Words: awareness, guidelines.

ALA-86
Alagar, V.S.

Key Words: awareness, policy.

ALL-85
Allen, R.J.

Key Words: crime, threats, general, techniques.

APR-81

Key Words: book, crime.

ARD-85
Ardis, P.M., and R.M. Johnson

Key Words: crime, policy, international.

ARN-83
Arnell, A.

Key Words: threats, physical.

ASS-81

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.

Key Words: guidelines, policy.

BAI-84
Bailey, D.

Key Words: crime, hackers, legislation.

BAI-87
Baird, B.J., L.L. Baird, and R.P. Ranauro,

Key Words: crime, hackers.
BAI-89
Bainbridge, D.J.  
Key Words: crime, hackers, legislation.

BAK-85
Baker, R.H.  
Key Words: book, general, policy, guidelines, techniques.

BAL-82
Ball, L.D.  
Key Words: crime, policy, legislation.

BAL-88
Ball, M.  
Key Words: crime, hackers, guidelines.

BAS-88
Baskerville, R.  
Key Words: book, guidelines, policy, techniques, general.

BAU-84
Bauder, D.  
Key Words: vulnerabilities, threats, policy, guidelines.

BEA-84
Beane, W.F., E.R. Hilton, and B. Goldstein  
Key Words: general, policy.

BEC-80
Becker, J.  
Key Words: crime.

BEC-83
Becker, L.G.  
Key Words: crime, policy, legislation.

BEC-83a
Becker, H.B.  
Key Words: book, guidelines, policy, techniques.

BEC-85
Becker, L.G.  
Key Words: crime, policy, legislation.

BEC-85a
Becker, L.G.  
Key Words: policy, guidelines.

BEE-84
Beebe, C.A.  
Key Words: guidelines, policy.

BEL-87
Belford, P., and J. Quann  
Key Words: awareness, hackers, threats, vulnerabilities.

BEQ-83
Bequai, A.  
Key Words: book, crime, guidelines, techniques.

BEQ-83a
Bequai, A.  
Key Words: crime, policy, guidelines.

BEQ-84
Bequai, A.  
Key Words: crime, ethics.

BER-82
Bernhard, R.  
Key Words: threats, crime.
BLO-88
Bloombecker, J.J.

Key Words: crime, hackers.

BLO-89
Bloombecker, J.J.

Key Words: crime, threats, laws, guidelines.

BLO-89a
Bloombecker, J.J. (Ed.)

Key Words: book, crime, policy, general.

BOL-81
Bologna, J.

Key Words: crime, threats, guidelines.

BOL-81a
Bologna, J.

Key Words: book, crime.

BOL-81b
Bologna, J.

Key Words: crime, threats.

BOL-86
Bologna, J.

Key Words: crime, general.

BOL-86a
Bologna, J.

Key Words: crime, general.

BOR-85
Borking, J.J.

Key Words: book, software privacy.

BOS-82
Bosworth, B.

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

Key Words: book, awareness.

BRO-83
Brown, R.A.

Key Words: crime, laws.

BRO-83a
Browne, M.W.

Key Words: awareness, hackers, crime.

BUI-84
Buikema, C., et al.

Key Words: crime, laws.

BUM-84
Bump, M. Jr.

Key Words: awareness, laws, software piracy.

BUR-88
Burger, R.

Key Words: computer viruses, threats, general.

BUS-81

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,"
45+.

Key Words: crime, laws,
techniques.

CAM-87/Cambridge, M.
"Security and Privacy: Issues
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
56-60.

Key Words: threats, physical.

CAN-86
Canning, R.
"Information Security and
Privacy," ED P. Analy ser,
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
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,
Computer & Security,

Key Words: crime, threats,
laws, international.

CHO-84
Choney, L.B.
"Software Escrow and the
Security Practitioner," Computer
Security Journal, Summer

Key Words: policy, guidelines.

CJJ-88
"Crime Statutes: Are They
Bridging the Gap Between
Laws and Technology?"
Criminal Justice Journal,

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

Key Words: crime, laws.

CLY-89
Clyde, R.
"Crime Investigation
Techniques," COM-SAC:
Computer Security, Auditing
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.
Key Words: crime, policy, guidelines.

COM-83
Key Words: proceedings, techniques, international, policy.

CON-80
Key Words: Congress, policy, government.

CON-83
Key Words: Congress, threats, laws, government.

CON-84
Key Words: Congress, legislation.

CON-84a
S. 1920, Small Business Computer Crime Act
Key Words: Congress, legislation.

CON-84b
Key Words: Congress, legislation.

CON-85
Key Words: Congress, government, policy, threats.

CON-85a
Key Words: Congress, policy.

CON-86
Key Words: Congress, legislation.

CON-86a
Key Words: Congress, legislation.

CON-87
Key Words: Congress, legislation.

CON-87a
Key Words: Congress, legislation.

CON-87b
Key Words: Congress, legislation.

1-6
CON-87c

Key Words: Congress, legislation.

CON-89

Key Words: Congress, policy, laws.

COO-84
Cooper, C.

Key Words: software piracy.

COO-89
Cook, W.J.

Key Words: hacking, policy, laws.

COR-87
Cornwall, H.

Key Words: book, crime.

COT-84
Cottrell, P., and B.D. Weiss

Key Words: policy, laws.

COU-81
Courtney, R.H., Jr.

Key Words: crime, laws, awareness.

COU-84
Courtney, R.H., Jr.

Key Words: policy, government.

COU-84a
Courtney, R.J., Jr.

Key Words: threats, policy.

COU-87
Courtney, R.H., Jr.

Key Words: awareness, policy.

COU-89a
Courtney, R.H. Jr.

Key Words: policy, guidelines.

CSC-88

Key Words: guidelines, government.

CSI-83

Key Words: awareness, general, policy, guidelines.

CSI-84

Key Words: awareness, general, policy, guidelines.

CSI-85

Key Words: awareness, general, policy, guidelines.

CSI-86

Key Words: awareness, general, policy, guidelines.

CSI-89

Key Words: awareness, general, policy, guidelines.
CWO-83
Key Words: crime, international.

CWO-84
Key Words: policy, guidelines.

CWO-85
Key Words: policy, guidelines.

DAV-85
Davis, G.F.G. III
Key Words: book, software piracy, general, laws.

DEA-83
DeAnnuntis, G.
Key Words: awareness, general.

DEL-88
Key Words: book, computer viruses, guidelines, techniques.

DEM-83
DeMaio, H.B.
Key Words: awareness, policy.

DEM-88
DeMaio, H.B.
Key Words: awareness, ethics.

DEM-89
DeMaio, H.B.
Key Words: computer viruses, policy.

DEM-89a
DeMaio, H.B.
Key Words: awareness, ethics, policy.

DEN-87
Denning, D.E., P.G. Neumann, and D.B. Parker
Key Words: awareness, general.

DEN-88
Denning, P.J.
Key Words: computer viruses, guidelines.

DEN-89
Denning, P.J.
Key Words: threats, hackers, computer viruses.

DER-88
Derosier, J.
Key Words: awareness, general.

DEW-84
Dewdney, A.K.
Key Words: computer viruses, general.

DEW-89
Dewdney, A.K.
Key Words: computer viruses.

DMA-83
Key Words: general, guidelines, techniques.

DOJ-80
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,

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
63.

Key Words: awareness,
general.

ELM-88
Elmer-DeWitt, P.
"Invasion of the Data
Snatchers," Time, September

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.

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
IFIP/Sec. '83, Stockholm,

Key Words: awareness,
threats.

ERM-89
Erman, M.D., M.B. Williams,
and C. Gutierrez
Computer Ethics and Society,
Oxford University Press, New

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,

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  
Key Words: general, guidelines, techniques.

FIT-89  
Fifield, K.J.  
Key Words: crime, techniques.

FIT-84  
Fitzgerald, K.J.  
Key Words: crime, general, international.

FIT-86  
Fitzgerald, K.J.  
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.  
Key Words: awareness, general.

FOR-89  
Forcht, K.A.  
Key Words: awareness, ethics.

FRE-84  
Freed, R.N.  
Key Words: awareness, guidelines.

FRE-84a  
Freen, J.  
Key Words: awareness, laws.

FUL-84  
Key Words: crime, laws.

GAO-82  
Key Words: crime, threats, government, general.

GAR-89  
Gardner, P.E.  
Key Words: computer viruses.

GEM-80  
Gemignani, M.  
Key Words: crime, laws.

GEM-81  
Gemignani, M.C.  
Key Words: crime, laws.

GEM-89  
Gemignani, M.  
Key Words: computer viruses, threats, laws.

GLR-83  
Key Words: crime, laws.

GOL-81  
Goldstein, B.  
Key Words: crime, laws.

GOL-83  
Goldstein, B.  
Key Words: crime, laws, guidelines, policy.

GON-83  
Gonzales, P.  
Key Words: crime, laws.
GOS-85
Gosler, J.R.
Key Words: software piracy.

GOU-85
Goussy, A.R.
Key Words: policy, laws.

GRA-84
Graham, R.L.
Key Words: software piracy.

GRE-82
Greenlee, M.B.
Key Words: awareness, policy.

GRE-84
Greguras, F.M.
Key Words: policy, techniques.

GRE-84a
Greguras, F.M.
Key Words: software piracy.

GUY-81
Guynes, S.
Key Words: awareness, laws.

GUY-83
Guynes, V.
Key Words: awareness, policy.

HAF-88
"Is Your Computer Secure," Business Week, August 1, 1988, pp. 64-72.
Key Words: awareness, general.

HAM-84
Hammond, R.G.
Key Words: crime, laws, threats.

HAN-89
Hankinson, A.L.
Key Words: computer viruses, policy.

HAR-82
Harris, B.
Key Words: awareness, general, policy.

HAR-83
Hartson, D.R.
Key Words: awareness, general.

HAR-83a
Harari, A.
Key Words: awareness, general.

HAR-85
Harry, M.
Key Words: book, hackers, threats.

HEL-88
Helfant, R., and G.J. McLoughlin
Key Words: computer viruses, policy.

HEL-89
Helsing, C., M. Swanson, and M.A. Todd
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
IFIP/Sec. '84, Toronto, 1984, (2: FIN-85), pp. 409-422.

Key Words: threats, crime.

HER-87
Herschberg, I.S.

Key Words: crime, hackers.

HER-88
Herschberg, I.S.

Key Words: crime, hackers.

HHS-83

Key Words: crime, government, threats.

HIG-89
Higgins, J.C.

Key Words: awareness, guidelines.

HIG-89a
Highland, H.J.

Key Words: computer viruses, threats.

HJL-84

Key Words: crime, legislation.

HOF-82
Hoffman, L.J.

Key Words: awareness, threats.

HOF-86
Hoffman, K.J., and L.M. Moran

Key Words: awareness, threats, vulnerabilities.

HOL-80
Holman, W.D.

Key Words: crime, policy.

HON-80

Key Words: proceedings, general.

HON-81

Key Words: proceedings, general.

HOR-85
Horgan, J.

Key Words: crime, threats, laws.

HOW-82
Howe, C.L.

Key Words: crime, laws, guidelines.
HUB-86
Huband, F.L., and R.D. Shelton

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

HUN-87
Hunt, D.B., and F.G. Tompkins

Key Words: policy, guidelines.

IBM-83

Key Words: proceedings, general, guidelines, techniques.

IBM-86

Key Words: awareness, general.

ING-80
Ingraham, D.G.

Key Words: crime, laws, guidelines.

IRM-84

Key Words: awareness, general.

ISR-87
Israel, H.

Key Words: computer viruses, threats, awareness, guidelines.

JAC-80
Jacks, E.L.

Key Words: awareness, policy.

JAS-83
Jaslow, M.D.

Key Words: crime, policy, guidelines.

JOH-85
Johnson, D.G.

Key Words: awareness, ethics.

JON-88
Jones, L.G.

Key Words: computer viruses, awareness, threats.

KAN-89
Kane, P.

Key Words: virus, threats, awareness, guidelines.

KAY-86
Kay, R.

Key Words: awareness, threats, guidelines, techniques.

KAY-86a
Kay, R. (Ed.)

Key Words: awareness, general.

KEL-88
Kelley, D.W.

Key Words: guidelines, policy, PC.
LEH-82
Lehman, R.L.
Key Words: policy, guidelines.

LOB-81
Lobel, J.
Key Words: legislation, policy.

LOB-83
Lobel, J.
Key Words: awareness, techniques.

LOB-86
Lobel, J.
Key Words: general, techniques.

LON-87
Longley, D., and M. Shain
Key Words: book, guidelines, laws, general, policy.

LOU-84
Louwerse, C.P., and J.M.L. Kowenbergs
Key Words: general, guidelines, policy, techniques.

LYN-83
Lyndon, K.
Key Words: general, policy.

MAD-88
Madsen, C.
Key Words: awareness, policy, threats, international.

MAN-84
Mantele, R.A.
Key Words: software piracy, laws.

MAR-83
Marbach, W.D., et al.
Key Words: awareness, hackers, crime, threats.

MAR-84
Martin, W.P.
Key Words: crime, laws, threats, guidelines.

MAR-88
Marx, P.
Key Words: awareness, general, policy, laws.

MAX-85
Maxfield, J.F.
Key Words: hackers, threats.

MAY-85
Mayo, K.
Key Words: software piracy.

MCA-89
McAfee, J., and C. Haynes
Key Words: book, viruses, threats, vulnerabilities.

MCA-89a
McAfee, J.D.
Key Words: viruses, threats.

MCI-81
McIsaac, D.
Key Words: awareness, general, threats, policy.
MCL-88
McLeod, K.
Key Words: awareness, general, crime, threats.

MIL-85
Millard, C.J.
Key Words: software piracy, laws.

MIS-85
Miskiewicz, J.
Key Words: awareness, general, policy.

MOS-88
Mosaccio, J.
Key Words: vulnerabilities, threats, general.

MOU-81
Moulton, R.T.
Key Words: general, guidelines.

MOU-81a
Moulton, R.T.
Key Words: awareness, general, guidelines, policy.

MOU-82
Moulton, R.T.
Key Words: crime, threats, policy, guidelines.

MUR-86
Murphy, I.
Key Words: crime, policy, laws, hackers, threats.

MUR-86a
Murray, W.H.
Key Words: general, policy.

MYE-83
Myers, J.
Key Words: crime, threats, laws.

MYE-83
Moulton, R.T.
Key Words: awareness, general, guidelines, policy.

NEU-86
Neugent, W.
Key Words: awareness, general.

NOR-83
Norman, A.R.D.
Key Words: book, awareness, general, threats.

NOR-84
Norman, A.
Key Words: crime, threats, general, policy.

NYE-81
Nye, J.M.
Key Words: awareness, general.

NYE-81a
Nye, J.M.
Key Words: awareness, general.

OLI-85
Oliver, C.R.
Key Words: crime, threats, laws, guidelines, policy.
PAR-83a
Parker, D.B.
Key Words: crime, general, threats, awareness.

PAR-84
Parker, D.B.
Key Words: hackers, crime, threats, policy, guidelines.

PAR-84a
Parker, D.B., and S.H. Nyceum
Key Words: crime, threats, general, awareness, guidelines.

PER-84
Perry, T., and P. Wallich
Key Words: crime, policy, laws.

POD-86
Podell, H.G., and M.W. Abrams
Key Words: guidelines, general.

REB-86
Reber, J.
Key Words: awareness, general, threats, laws.

RIC-84
Richards, T.C.
Key Words: awareness, computer crime, general, threats.

RIC-86
Richards, R.M., and J.L. Guynes
Key Words: awareness, policy.

RIC-86a
Richards, R.M.
Key Words: policy, guidelines.

RIC-86b
Richards, T.C.
Key Words: crime, threats, awareness, general.

ROB-88
Roberts, R.
Computer Viruses, Computer Books, Greensboro, NC, 1988
Key Words: book, viruses, threats.

ROB-88a
Roberts, W.
Key Words: hackers, awareness, threats, guidelines.
ROS-85
Ross, S.J. (Ed.)

Key Words: awareness, policy.

SAM-85
Samociuk, M.

Key Words: hacking, crime.

SAT-89
Sato, O.

Key Words: policy, guidelines.

SCH-80
Schulte, L.A.

Key Words: awareness, general, crime, guidelines.

SCH-83
Schwartz, M.B.

Key Words: policy, guidelines, techniques.

SCH-84
Schmucker K.J.

Key Words: awareness, crime.

SCH-84a
Scherer, M.E.

Key Words: awareness, threats.

SCH-85
Schweitzer, J.A.

Key Words: policy, guidelines.

SCH-86
Schweitzer, J.A.

Key Words: awareness, general.

SCH-86a
Schweitzer, J.A.

Key Words: crime, threats.

SEC-86

Key Words: crime, policy.

SEC-89

Key Words: policy, techniques.

SEI-84
Sieb, R.A.

Key Words: awareness, policy.

SER-83

Key Words: crime, threats.

SEW-84
Sewell, C.

Key Words: policy, guidelines.

SEY-85
Seymour, J.

Key Words: policy, guidelines.

SIE-87
Sieber, U.

Key Words: crime, threats, general, international.

SIL-83
Silverman, M.E.

Key Words: awareness, general, policy, guidelines.
SIL-85
Silverman, M.E.

Key Words: policy, guidelines.

SIM-81
Simkin, M.C.

Key Words: crime, threats, policy.

SMA-84

Key Words: crime, policy, techniques.

SMI-83
Smith, T.H.

Key Words: crime, policy, laws.

SOK-90
Sokolik, S.L.

Key Words: crime, legislation.

STA-84
Staikos, N.

Key Words: policy, guidelines, techniques.

STA-85
Stanley, P.M.

Key Words: crime, guidelines.

STA-86
Straub, D.W.

Key Words: crime, guidelines, techniques.

STR-88
Straub, D.W., and W.D. Nance

Key Words: crime, policy, threats, guidelines.

TUR-82
Turn, R.

Key Words: policy, guidelines.

TUR-84
Van Hoboken, W.R.C.

Key Words: crime, threats.

TUR-86
Turn, R.

Key Words: policy, guidelines.

TUR-86a

Key Words: policy, guidelines, techniques.

VAN-84
van Tongeren, H.

Key Words: policy, guidelines, international.

VOL-80
Volgyes, M.R.

Key Words: crime, guidelines, policy, laws.
WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85a
Webster, W.H.

Key Words: crime, government, guidelines, policy.

WEB-85
Webster, W.H.

Key Words: crime, government, guidelines, policy.
ZAJ-85
Zajac, B.P., Jr.
Key Words: crime, legislation.

ZAJ-86
Zajac, B.P., Jr.
Key Words: hackers, viruses, threats, guidelines.

ZAL-83
Zalud, B.
Key Words: crime, policy, guidelines.

ZIM-84
Zimmerman, J.S.
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

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

AFC-85

Key Words: proceedings, physical.

AFC-86

Key Words: proceedings, physical.

AFC-87

Key Words: proceedings, physical.

AIM-81

Key Words: guidelines, recovery, techniques.

ALS-86

Key Words: auditing, methods.

ANC-83

Key Words: guidelines, physical.

AUS-81

Key Words: physical, control, techniques.

BAD-89

Key Words: general, methods.
BAK-85  
Baker, R.H.  
Key Words: book, general, techniques.

BAL-87  
Baldwin, R.W.  
Key Words: general, methods.

BAR-80  
Barbarino, P.  
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.  
Key Words: audit, management.

BEA-86  
Beatson, J.G.  
Key Words: audit, management.

BEC-83  
Becker, H.B.  
Key Words: book, integrity, general, methods, guidelines.

BEC-84  
Becker, H.B.  
Key Words: general, guidelines.

BEI-84  
Beitman, L.  
Key Words: auditing, software.

BEN-89  
Benzel, T.C.V.  
Key Words: methods, software.

BER-83  
Bernhard, L.  
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  
Berstein, R.A.  
Key Words: contingency, methods.

BER-84  
Berg, R.  
Key Words: risk, management, methods.

BES-88  
Bessenhoffer, R.  
Key Words: methods, techniques.

BIC-89  
Bickner, L.  
Key Words: physical, techniques.

BIS-86  
Bishop, M.  
Key Words: risk, methods.

BLA-81  
Blanding, S.F.  
Key Words: crime, auditing, company.
BOL-84
Bologna, J.
Key Words: contingency, recovery, management.

BOL-88
Bologna, G.J., and R.J. Lingquist
Key Words: book, auditing, control.

BOL-88a
Bologna, J.
Key Words: risk, personnel.

BOL-89
Bologna, J.
Key Words: crime, auditing.

BON-81
Bonyun, D.
Key Words: policy, auditing, methods.

BON-81a
Bonyun, D.A.
Key Words: auditing, guidelines.

BON-88
Bonyun, D.A., and J. Graeme
Key Words: risk, methods, management.

BOU-83
Bound, W.A.J., and D.R. Ruth
Key Words: risk, methods, management.

BOU-83a
Bound, W.A.J., and D.R. Ruth
Key Words: risk, methods, management.

BOY-82
Boyer, T.J.
Key Words: contingency, recovery, methods.

BRA-81
Brafman, M.J.
Key Words: risk, control, methods.

BRI-83
Brill, A.E.
Key Words: controls, methods.

BRO-84
Browne, P.S.
Key Words: risk, methods, management.

BRO-86
Brown, R.V.
Key Words: risk, management, methods.

BRO-87
Brown, R.L.
Key Words: management, methods.
BRO-88
Browne, P.S., and J.E. Lavery
Key Words: risk, management, methods.

BRO-89
Brothers, M.H.
Key Words: virus, guidelines, methods.

BRU-85
Bruske, S.Z., R.E. Wright, and W.D. Geaslen
Key Words: risk, methods.

BUC-87
Buck, E.R.
Key Words: book, control, methods.

BUI-87
Bui, T., and T.R. Sivasankaran
Key Words: methods, management.

BUR-85
Burns, R.W.
Key Words: requirements, government.

BUR-88
Burger, R.H.
Key Words: book, general, virus, risk, techniques.

BUU-84
Buurmeijer, F.
Key Words: methods, company.

CAE-89
Caelli, W.J. (Ed.)
Key Words: proceedings, general, international.

CAM-83
Campbell, R.P.
Key Words: threats, policy, methods.

CAM-83a
Campbell, R.P.
Key Words: threats, policy, methods.

CAR-82
Carroll, J.M.
Key Words: book, crime, auditing.

CAR-83
Carroll, J.M., and O. Wu
Key Words: risk, threats, methods, management.

CAR-83a
Carroll, J.M.
Key Words: risk, threats, methods, management.

CAR-84
Carroll, J.M.
Key Words: book, risk, methods, management.

CAR-84a
Carroll, J.M., and W.R. Maclver
Key Words: physical, methods, risk.

CAR-85
Carroll, J.M., and W.W. Mac Iver
Key Words: physical, methods.
COO-89
Cooper, J.A.
Computer and Communications Security: Strategies for the 1990s.
Key Words: book, general, networks.

COP-88
Copigneaux, F., and S. Martin
Key Words: risk, methods.

COR-82
Coryen, G.C.
Key Words: risk, methods, networks.

COR-87
Corelis, J.
Key Words: software, guidelines.

COU-84
Courtney, R.H., and M.A. Todd
Key Words: methods, techniques.

COU-85
Courtney, R.H., and M.A. Todd
Key Words: methods, techniques.

COU-86
Courtney, R.H.
Key Words: methods, management.

COU-86a
Courtney, R.H.
Key Words: contingency, recovery, methods.

COU-88
Courtney, R.H.
Key Words: policy, requirements.

COU-89
Courtney, R.H.
Key Words: policy, management.

CRO-82
Crow, W.
Key Words: policy, techniques.

CRO-84
Croft, R.B.
Key Words: risk, techniques.

CRO-85
Cronhjort, B.T., and A. Mustonen
Key Words: risk, vulnerabilities, methods, techniques.

CRO-86
Cronin, D.
Key Words: book, management, PC, techniques.

CRO-89
Crockr, S., and M. Pozzo
Key Words: virus, techniques.

CSC-85
Key Words: guidelines, PC, techniques.

CSI-83
Key Words: book, guidelines, general, techniques, management.
CSI-87

Key Words: contingency, recovery.

CWO-86

Key Words: contingency, recovery.

DAV-87
Davis, F.G.F., and R.E. Gantenbein

Key Words: virus, recovery, methods.

DAV-89
Davida, G.I., Y.G. Desmet, and B.J. Matt

Key Words: virus, techniques, cryptography.

DEL-89

Key Words: proceedings, virus, methods, management.

DEM-85
DeMaio, H.B.

Key Words: management, control.

DEN-81
de Boef, A.

Key Words: auditing, methods.

DEN-87
Denning, D.E.

Key Words: threats, methods.

DES-88
Desman, M.B.

Key Words: policy, personnel, management.

DEV-83
DeVries, D.

Key Words: guidelines, physical.

DOD-88

Key Words: policy, requirements, government.

DON-84
Donovan, J.F.

Key Words: contingency, management.

DOS-85
Doswell, R.T.

Key Words: auditing, management.

DPC-84

Key Words: management, personnel.

DPC-84a

Key Words: physical, techniques.

DUG-86
Dugan, E.

Key Words: contingency, recovery, management.

DUN-84
Dunmore, D.

Key Words: risk, management, methods.
EAS-82
Eason, T.S., and D.A. Webb

Key Words: book, control, policy, guidelines.

EIC-89
Eichin, M.Q.W., and J.A. Rochlis

Key Words: virus, methods.

ENG-80
Enger, N.L., and P.W. Hoverton

Key Words: book, auditing, methods.

EPP-80
Epperly, E.V.

Key Words: policy, government.

EPP-82
Epperly, E.V.

Key Words: policy, government.

ESS-85
Essen, J., and B. Lindberg

Key Words: risk, threats, methods.

FAK-83
Fak, V.A. (Ed.)

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

Key Words: proceedings, risk.

FER-87
Ferris, M., and A. Cerulli

Key Words: certification, policy.

FEU-88
Feuerlicht, J., and P. Grattan

Key Words: control, methods management.

FEU-89
Feuerlicht, J., and P. Grattan

Key Words: control, methods management.

FIE-82
Fierello, M.

Key Words: guidelines, methods management.

FIN-85
Finch, J.H., and E.G. Dougall (Eds.)

Key Words: proceedings, general, international.

FIS-89
Fish, T. and S. Meglathery

Key Words: personnel, management.
FIT-81
Fitzgerald, J.
Key Words: risk, methods, management.

FIT-89
Fites, P.E.
Key Words: book, control, methods.

FLA-86
Flach, J.
Key Words: contingency, recovery.

FRA-83
Francella, K.
Key Words: crime, controls, methods, management.

FRI-82
Friedman, S.D.
Key Words: contingency, recovery, management.

FRI-84
Friedman, S.D.
Key Words: contingency, recovery, management.

FRY-83
Fry, B.G.P., and W.F. Main
Key Words: requirements, methods.

FUG-84
Fugini, M., and C. Martella
Key Words: management, policy.

GAG-85
Gage, D.W.
Key Words: requirements.

GAL-85
Gallery, S.M.
Key Words: book, general, methods.

GAO-80
Key Words: contingency, recovery, government, management.

GAO-81
Key Words: auditing, management, government.

GAO-81a
Key Words: control, government.

GAR-87
Garcia, A.A. (Ed.)
Key Words: guidelines, methods.

GAR-88
Garnett, P.D.
Key Words: virus, techniques.

GAR-89
Gardner, P.E.
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.
Key Words: auditing, control, management.

GIL-84
Gilhooley, I.A.
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.
Key Words: management, methods.

GIL-86
Gilhooley, I.A.
Key Words: control, management.

GIL-86a
Gilhooley, I.A.
Key Words: control, management.

GIL-89
Gilbert, I.E.
Key Words: risk, management, methods, guidelines.

GIN-89
Ginn, R.
Key Words: book, contingency, recovery, management.

GLE-89
Gleissner, W.
Key Words: virus, theory.

GOT-81
Gottlieb, M.
Key Words: auditing, methods.

GRE-81a
Green, G., and R.G. Farber
Key Words: general, methods, policy, techniques.

GRE-89
Green, J.L., and P. L. Sisson
Key Words: virus, techniques.

GRI-85
Grimson, J.B.,
H.J. Kugler (Eds.)
Key Words: proceedings, general, international.

GRI-89
Grissonnanche,A. (Ed.)
Key Words: proceedings, general, international.

GUA-87
Guarro, S.B.
Key Words: risk, methods.
GUA-88
Guarro, S.B.
Key Words: risk, methods.

GUI-89
Guinier, D.
"Biological Versus Computer Viruses," ACM Sec. Audit 
Key Words: virus, general.

GUS-88
Gustoff, M.E.
Key Words: PC, techniques.

HAE-84
Haeckel, D.A., and B.B. Johnson
Key Words: management, methods.

HAM-82
Hammer, C.
Key Words: auditing, techniques.

HAN-83
Hansen, J.V. and W.F. Messier
Key Words: control, methods.

HAN-83a
Hansen, J.V.
Key Words: auditing, methods.

HAL-88
Halme, L.R., and B.L. Kahn
Key Words: auditing, techniques.

HAR-80a
Hardenburg, K.L.
Key Words: auditing, techniques.

HEA-83
Healy, R.J
Key Words: book, physical, methods, techniques.

HEA-86
Heaton, Y.
Key Words: risk, personnel.

HEA-87
Hearden, K.
Key Words: book, general, methods, guidelines, management.

HEB-80
Hebbard, B., et al.
Key Words: vulnerabilities, threats.

HEN-85
Henrion, M., and M. G. Morgan,
Key Words: risk, management, policy, methods.
HER-84
Herschberg, I.S. and R. Paans
"The Programmer’s Threat: Cases and Causes,”
Key Words: threats, personnel, management.

HIG-83
Highland, H.J.
"Impact of Microcomputers on Total Computer Security,”
Key Words: PC, techniques, management.

HIG-83a
Highland, H.J.
"Impact of Microcomputers on Total Computer Security,”
Key Words: PC, techniques, management.

HIG-83b
Highland, H.J.
"Operational Security for Microcomputers,”
Key Words: PC, techniques.

HIG-84
Highland, H.J.
"Data Protection in a Microcomputer Environment,”
Key Words: PC, techniques.

HIG-84a
Highland, H.J.
Protecting Your Microcomputer System, J.
Key Words: book, PC, techniques.

HIG-85
Highland, H.J.
"Microcomputer Security: Data Protection Techniques,”
Key Words: PC, techniques.

HIG-87
Highland, H.J.
"Data Physician -- A Virus Protection Program,”
Key Words: virus, techniques.

HIG-87a
Highland, H.J.
"How to Evaluate Microcomputer Encryption Software and Hardware,”
Key Words: PC, cryptography.

HIG-88
Highland, H.J.
Key Words: virus, techniques.

HIG-88a
Highland, H.J.
Key Words: virus, techniques.

HIG-88b
Highland, H.J.
"An Overview of 18 Virus Protection Programs,”
Key Words: virus, techniques.

HIG-88c
Highland, H.J.
Key Words: virus, techniques.

HIG-89
Highland, H.J.
Key Words: virus, techniques.

HIG-89a
Highland, H.J.
Key Words: virus, techniques.

HIG-89b
Highland, H.J.
Key Words: virus, techniques.

HIG-89c
Highland, H.J.
Key Words: virus, techniques.

HIG-89d
Highland, H.J.
Key Words: virus, techniques.

HIG-89e
Highland, H.J.
Key Words: database, techniques.
HIG-89f
Highland, H.J.
Key Words: virus, techniques.

HIG-89g
Highland, H.J., (Ed.)
Key Words: book, virus, methods, techniques, guidelines.

HIG-89h
Highland, H.J.
Key Words: virus, techniques.

HIG-89i
Highland, H.J.
Key Words: virus, techniques.

HIL-83
Hildebrand, J.
Key Words: contingency, recovery.

HIL-84
Hiller, E.
"Up from Disaster," Computerworld, March 26, 1984, pp. ID9-16.
Key Words: contingency, recovery.

HIR-89
Hirst, J.
Key Words: virus, threats.

HOA-82
Hoar, T.
Key Words: risk, management.

HOE-86
Hoebeke, L.
Key Words: methods, management.

HOF-81
Hoffman, L.J., and L.A. Neitze1
Key Words: risk, techniques.

HOF-85
Hoffman, L.J., and A.F. Westin
Key Words: methods, management.

HOF-86
Hoffman, L.J.
Key Words: risk, management.

HOF-86a
Hoffman, L.J.
Key Words: risk, management.

HOF-88
Hoffman, L.J.
Key Words: risk, techniques.

HOF-89
Hoffman, L.J.
Key Words: risk, PC, management, techniques, methods.

HRU-88
Hruska, J., and K. Jackson
Key Words: PC, guidelines.

HUT-88
Hutt, A.E., et al., (Eds.),
Key Words: book, general, methods, techniques, guidelines.

IBM-84
Key Words: techniques, methods.
IBM-84a

Key Words: PC, techniques.

IBM-85

Key Words: guidelines, methods.

IBM-86

Key Words: contingency, recovery, management.

IEE-87

Key Words: proceedings, general.

IEE-88

Key Words: proceedings, general.

IEE-89

Key Words: proceedings, general.

ISA-83
Isaacson, G.I.

Key Words: contingency, recovery.

JAC-81
Jacobson, R.V.

Key Words: risk, management.

JAC-81a
Jacobson, R.V.

Key Words: contingency, recovery.

JAC-86
Jackson, C.B.

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.

Key Words: risk, techniques, methods.

JAE-84
Jaehne, E.M.

Key Words: management, methods.

JAN-81
Jancura, E.G., and R. Boos

Key Words: book, auditing, methods, management.

JAR-83
Jarvis, M.

Key Words: management, methods.

JOH-80
Johnson, K.P. and R.H. Jaenicke

Key Words: book, control, methods.

JOH-83a
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JOH-88
Johnson, H.L., and J.D. Layne

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JOH-88a
Johnson, H.L.,
Key Words: risk, requirements.

JOS-88
Joseph, M.K., and A.A. Avizienis
Key Words: virus, techniques.

JUD-87
Judd, T.C., and H.W. Ward, Jr.
Key Words: contingency, recovery, management.

JUI-89
Juiit, D.
Key Words: methods, management.

KAR-88
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Key Words: guidelines, methods.

KEA-86
Kearby, D.B.
Key Words: policy, personnel, management, methods.

KEE-88
Keenan, T.
Key Words: vulnerabilities.

KIN-86
Kinnon, A., and R.H. Davis
Key Words: auditing, requirements.

KNE-83
Kneer, D.C., and J.C. Lampe
Key Words: control, methods.

KOB-89
Kobus, P. Jr., and G.H. Rovin
Key Words: policy, techniques.

KOC-84
Koch, H.S.
Key Words: auditing, methods.

KRA-80
Krauss, L.I.
Key Words: book, auditing, methods.

KUH-86
Kuhn, J.
Key Words: auditing, methods.

KUO-82
Kuon, J.F.
Key Words: book, auditing, control

KUO-83
Kuon, J.F.
Key Words: book, control, general
KUO-85
Kuong, J.F.

Key Words: auditing, guidelines, contingency, recovery.

KUO-85a
Kuong, J.F.

Key Words: control, methods.

KUO-86
Kuong, J.F.

Key Words: auditing, risk, methods.

KUO-86a
Kuong, J.F.

Key Words: control, policy.

KUO-86b
Kuong, J.F.

Key Words: auditing, policy, methods, management.

KUO-86c
Kuong, J.F.

Key Words: risk, vulnerabilities, methods, management.

KUO-88
Kuong, J.F.

Key Words: virus, auditing, threats.

KUO-89
Kuong, J.F.

Key Words: contingency, recovery, management.

KUR-86
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Key Words: methods, techniques.

LAN-85
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Key Words: contingency, recovery, management.

LAP-86
Lapid, Y., N. Ahituv, and S. Neumann

Key Words: threats, techniques.

LEC-83
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Key Words: methods, management.

LEE-88
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Key Words: control, management.

LIT-81
Litecky, C.R., and L.E. Rittenberg

Key Words: auditing, controls.
MOL-84
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Key Words: contingency, recovery.

MOR-81
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Key Words: auditing, methods.

MOU-84
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Key Words: management, policy.

MOU-84a
Moulton, R.T.
Key Words: techniques, methods.

MOU-86
Moulton, R.T.
Key Words: book, guidelines, techniques, methods.

MUR-80
Murray, W.H.
Key Words: methods, techniques.

MUR-81
Murray, J.P.
Key Words: contingency, recovery.

MUR-82
Murray, J.P.
Key Words: contingency, recovery.

MUR-83
Murray, W.H.
Key Words: techniques, methods, PC.

MUR-83a
Murray, W.H.
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.
Key Words: requirements, PC.

NAN-86
Nancekivell, B.D.
Key Words: auditing, methods.

NBS-81
Key Words: contingency, recovery, guidelines.

NBS-83
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
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,"  
Key Words: guidelines, methods.

NOL-85  
Nolan, M.  
Key Words: contingency, recovery, management.

ORL-88  
Orlandi, E.  
Key Words: management, methods.

OTW-89  
Otwell, K.. and B. Aldridge  
Key Words: vulnerabilities, risk.

PAR-81  
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Key Words: book, risk, management.

PAR-84  
Parker, D.B.  
Key Words: guidelines, methods.

PAS-86  
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Key Words: contingency, recovery, management, methods.

PED-86  
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PER-81  
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Key Words: management, policy.

PER-81a  
Perry, W.E.  
Key Words: book, control, methods.

PER-82  
Perry, W.E.  
Key Words: control, management.

PER-82a  
Perry, W.E. and J.F. Kuong  
Key Words: book, risk, controls.

PER-82b  
Perry, W.E. and J.F. Kuong  
Key Words: book, auditing, methods.
PER-82c
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Key Words: book, auditing, software, guidelines, methods.

PER-82d
Perry, W.E. and J.F. Kuong

Key Words: book, control, guidelines.

PER-83
Perry, W.E.

Key Words: book, integrity, methods.

PHE-86
Phelps, N.L.

Key Words: contingency, recovery, policy, management.

PIC-84
Pickard, W.V.

Key Words: control, management, policy.

POR-81
Porter, W.T., and W.E. Perry

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

PRA-85
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Key Words: guidelines, PC.

PRE-89
Preston, C.M.

Key Words: methods, techniques.

PRI-80
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Key Words: personnel, management.

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Key Words: awareness, requirements, integrity.

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Key Words: auditing, software.

PWA-84

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

QUA-89
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Key Words: virus, techniques.

RAO-89
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Key Words: auditing, methods.

RAT-84
Rattner, J.

Key Words: controls, methods.

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Key Words: book, guidelines, threats, risk.

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Richards, R.M., and J. Yestingsmeier

Key Words: risk, management, methods.

RID-86
Riddle, C., and J. Austin

Key Words: auditing, methods.
ROB-83
Roberts, M.B.
Key Words: book, auditing.

ROD-81
Rodgers, G.L.
Key Words: auditing, crime.

RUB-85
Rubin, H.
Key Words: auditing, methods.

RUL-80
Rullo, T.A. (Ed.)
Key Words: book, management.

RUT-80
Rutberg, Z.G. (Ed.)
Key Words: proceedings, auditing.

RUT-84
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Key Words: certification, methods.

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Key Words:

SAA-89
Saari, J., and D.B. Parker
Key Words: awareness, methods, international.

SAR-81
Sardinas, J.L., Jr., et al.
Key Words: book, auditing.

SAR-82
Sardinas, J.L., and R.J. Asebrook
Key Words: auditing, personnel.

SCH-80
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Key Words: policy, management.

SCH-80a
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Key Words: guidelines, PC.

SCH-81
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Schmitt, W.R.
Key Words: policy, management.

SCH-83
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SCH-83a
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Key Words: contingency, recovery.

SCH-84
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Key Words: vulnerabilities, PC.

SHA-82
Shaw, J.K., and S.W. Katze
Key Words: contingency, guidelines, recovery, management.

SIL-83
Silverman, M.E.
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SIZ-89
Sizer, R.
Key Words: policy, management guidelines.

SKU-84
Skundra, V.J., and F.J. Lackner
Key Words: auditing, techniques.

SMI-80
Smith, J.E.
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SNO-84
Snow, M.
Key Words: auditing, guidelines.

SNO-87
Snow, D., and R.J. Aguilar
Key Words: risk, management, techniques, methods.

SOC-83
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Key Words: auditing, methods, PC.

SRI-81
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Key Words: awareness, integrity, requirements, methods.

STC-83
St.Clair, L.
Key Words: awareness, methods, PC.

STE-84
Steinauer, D.D.
Key Words: awareness, PC, methods, requirements, policy.

STO-80
Stokel, K.J.
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STR-82
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Key Words: personnel, threats.
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WAR-81
Wardlaw, J.
Key Words: auditing, techniques.

WEB-81
Weber, R.
Key Words: book, auditing, methods, techniques, management.

WON-85
Wong, K.
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WIN-83
Winkler, J.R., and W.J. Page
Key Words: auditing, threats, methods, techniques.

WIN-89
Winkler, J.R., and W.J. Page
Key Words: auditing, threats, methods, techniques.

WOD-88
Woda, A.
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WOF-83
Wofsey, M.M. (Ed.)
Key Words: book, general, methods, management, techniques.

WON-86
Wong, K.
Key Words: threats, risks, laws.

WAR-83
Warren, A.D.
Key Words: risks, techniques.

WIE-86
Wiesand, C.G.
Key Words: auditing, methods, PC.

WIL-84
Wilkes, M.V.
Key Words: management, policy, methods, guidelines.

WIN-83
Winters, C.M.
Key Words: auditing, networks.

WAR-84
Ward, G.M., and R.D. Paterson
Key Words: auditing, management.

WIN-84
WOF-83
Winkler, J.R., and W.J. Page
Key Words: auditing, threats, methods, techniques.

WOD-88
Woda, A.
Key Words: integrity, methods.

WOF-83
Wofsey, M.M. (Ed.)
Key Words: book, general, methods, management, techniques.

WON-85
Wong, K.
Key Words: crime, risk, methods, management.

WON-86
Wong, K.
Key Words: threats, risks, laws.
WON-86a
Wong, K.

Key Words: management, methods.

WOO-83
Wood, C.C.

Key Words: management, methods.

WOO-84
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Key Words: book, techniques.

WOO-85
Wood, C.C.

Key Words: techniques, PC.

WOO-86
Wood, C.C.

Key Words: policy, guidelines, management.

WOO-86a
Wood, C.C.

Key Words: risk, techniques.

WOO-87
Wood, C.C., et al.

Key Words: book, controls, methods, guidelines.

WYS-84
Wysong, E.M., and I. DeLotto

Key Words: proceedings, auditing, methods, management.

YAR-84
Yarberry, W.A.

Key Words: auditing, management, personnel.

YAR-84a
Yarberry, W.A.

Key Words: auditing, methods, techniques.

YAR-84b
Yarberry, W.A.

Key Words: auditing, software, methods.
3. Foundations

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

ADK-89

Key Words: models, description.

BAD-89
Badger, L.

Key Words: models, integrity, policy.

BEL-88
Bell, D.E.

Key Words: modeling, theory, policy.

BEL-88a
Bell, D.E.

Key Words: models, policy, network.

BEN-89
Benson, G., W. Appelbe, and I. Akyildiz

Key Words: models, hierarchical, network.

BER-87
Berry, D.M.

Key Words: formal, specification.

BIS-81
Bishop, M.

Key Words: models, take-grant.

BIS-88
Bishop, M.

Key Words: models, take-grant.

BIS-89
Bishop, M.

Key Words: models, theory.

BOE-84
Boebert, W.E.

Key Words: models, capability, MLS.

BOE-85
Boebert, W.E., and R.Y. Kain

Key Words: policy, integrity, methods.

BOE-85a
Boebert, W.E., and C.T. Ferguson

Key Words: discretionary, method.

BOE-86
Boebert, W.E., R.Y. Kain, and W.D. Young

Key Words: models, technique.
BOS-89

Key Words: models, policy, methods.

BOT-83
Bottom, N.R. Jr.

Key Words: models, theory.

BRE-89
Brewer, D.F.C., and M.J. Nash

Key Words: models, policy, theory.

BUD-83
Budd, T.A.

Key Words: models, policy, safety.

BUR-88
Burrows, M., R. Needham, and M. Abadi

Key Words: proceedings, theory, authentication, methods.

BUR-89
Burrows, M., M. Abadi, and R. Needham

Key Words: authentication, theory.

CAR-84
Carroll, J.M.

Key Words: theory, models, policy.

CHE-88
Cheng, P.-C. and V.D.Cligor

Key Words: model, networks.

CLA-87
Clark, D.D., and D.R. Wilson

Key Words: models, policy, integrity.

CLA-88
Clark, D.D. and D.R. Wilson

Key Words: models, integrity.

COH-89
Cohen, F.

Key Words: models, virus, methods.

CSF-88

Key Words: proceedings, models, theory, methods.

DAS-89
Dasher, D.N.

Key Words: models, methods, MLS.

DIO-81
Dion, L.C.

Key Words: models, theory.

DIV-88
DiVito, B.L.

Key Words: models, techniques.
DOB-89
Dobson, J.E., and J.A. McDermid
Key Words: models, methods, general.

DOB-89a
Dobson, J.
Key Words: specification, methods.

ELO-85
Eloff, J.H.P.
Key Words: specification, methods.

FIN-89
Fine, T., et al.
Key Words: models, inference, methods.

FOL-87
Foley, S.N.
Key Words: models, theory, flow.

FOL-89
Foley, S.N.
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FRE-88
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FUG-84
Fugini, M., and G. Martella
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FUG-87
Fugini, M.G., and G. Martella
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GAS-89
Gasser, M.
Key Words: flow, techniques.

GLA-85
Glasgow, J.J., and G.H. MacEwen
Key Words: models, network.

GLA-87
Glasgow, J.J., and G.H. MacEwen
Key Words: formal, specifications.

GLA-88
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Key Words: models, theory, MLS.

GLA-88a
Glasgow, J., G.H. MacEwen, and P. Panangaden
Key Words: models, theory, MLS.

GLA-89
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Key Words: models, policy, theory.

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GOU-84  
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Key Words: model, inference, theory.

GOV-85  
Gove, R.A.  

Key Words: models, methods, networks.

GRO-84  
Grove, R.A.  

Key Words: models, theory, MLS.

GUT-87  
Guttman, J.  

Key Words: models, flow, theory.

GUT-88  
Guttman, J., and M. Nadel  

Key Words: models, theory.

GUT-89  
Guttman, J.D.  

Key Words: awareness, models.

HAI-84  
Haigh, J.T.  

Key Words: models, theory, general.

HAI-86  
Haigh, J. and W.D. Young  

Key Words: models, MLS, methods.

HAI-87  
Haigh, J. and W.D. Young  

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Harrison, M.A.  

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Key Words: models, flow, methods.

HAR-88a  
Harkness, W., adn P. Pittelli  

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HEA-89  
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HER-89  
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JAC-88  
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JAC-89
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Key Words: models, theory, methods.

JAC-89a
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JOH-88
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Key Words: requirements, methods.

JOH-88a
Johnson, D.M., and F.J. Thayer
Key Words: models, theory.

JOH-89
Johnson, D.M., and F.J. Thayer
Key Words: models, theory, methods.

KAT-89
Katzke, S.W., and Z. G. Ruehberg (Eds)
Key Words: integrity, policy.

KEE-88
Keefe, T.F., W.T. Tsai, and M.B. Thuraisingham
Key Words: models, MLS, methods.

KEE-89
Keefe, T., and W. Tsai
Key Words: models, theory, MLS.

KOH-89
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Key Words: models, techniques.

KOR-88
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Key Words: modeling, techniques.
LAN-89
Landauer, J., T. Redmond, and T. Benzel

Key Words: policy, formal, models.

LAP-89
La Padula, L.J.

Key Words: awareness, models, theory, formal.

LEI-83
Leiss, E.L.

Key Words: models, authorization, techniques.

LIN-88
Lin, T.Y.

Key Words: models, flow, methods.

LIN-89
Lin, T.Y.

Key Words: models, policy, theory.

LING-89a
Lin, T.Y., L. Kershberg, and R.P. Trueblood

Key Words: models, theory, methods

LIU-80
Liu, L.

Key Words: models, flow, methods, techniques.

LOC-82
Lockman, A., and N. Minsky

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

LUB-89
Lubarsky, R.S.

Key Words: models, theory.

LUN-88
Lunt, T.F.

Key Words: policy, control.

MAC-87
MacEwen, G.H., V.Q.W. Poon, and J.I. Glasgow

Key Words: models, MLS, methods.

MAR-86
Marcus, L., and T. Redmond

Key Words: models, theory.

MAR-88
Marcus, L., and T. Redmond

Key Words: models, theory, policy.

MAR-89
Marcus, L., and T. Menas

Key Words: theory, methods, safety.

MAR-89a
Marcus, L.

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MCC-87
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MCC-88
McCullough, D.M.
Key Words: inference, theory.

MCC-88a
McCullough, D.M.
Key Words: covert channel, theory.

MCC-88b
McCullough, D.M.
Key Words: verification, theory, MLS.

MCD-89
McDermid, J., and E. Hocking
Key Words: policy, techniques.

MCH-86
McHugh, J., and A.P. Moore
Key Words: specification, MLS, LAN.

MCH-87
McHugh, J.
Key Words: models, theory, general.

MCH-88
McHugh, J.
Key Words: formal, models, flow.

MCL-84
McLean, J., C.E. Landwehr, and C.L. Heitmyer
Key Words: formal, models, network.

MCL-85
McLean, J.
Key Words: models, formal, theory.

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McLean, J., and C. Meadows
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MEN-81
Mennie, A.L., and G.H. MacEwen
Key Words: flow, techniques, verification.

MIL-81
Millen, J.K.
Key Words: specification, formal, flow, methods.

MIL-84
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MIN-84
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Key Words: models, take-grant, methods.

MOR-88
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Key Words: models, techniques, MLS.

MOS-87
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Key Words: models, theory, methods.

MOS-89
Moser, L.E.
Key Words: theory, methods, general.

NEU-83
Neumann, P.G.
Key Words: formal, software, methods.

PAG-89
Page, J. et al.
Key Words: models, theory, methods.

PIT-87
Pitelli, P.A.
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PIT-88
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RAN-88
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ROS-88
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ROS-88a
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Key Words: models, description.

SAN-85
Sandhu, R.S.
Key Words: models, description.

SAN-86
Sandhu, R.S., and M.E. Share
Key Words: models, methods.

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SAN-88a
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Key Words: models, description.

SAN-89
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SAY-86
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Key Words: models, methods, general.

SIL-83
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Key Words: verification, description.

SNY-81
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Key Words: formal, models, capability.

SNY-81b
Snyder, L.
Key Words: models, take-grant, threats.

SOR-83
Sorkin, A., and C.J. Buchanan
Key Words: capability, techniques.

STO-81
Stoughton, A.
Key Words: models, flow, control.

SUT-86
Sutherland, D.
Key Words: models, theory, general.

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Sutherland, I., S. Perio, and R. Varadarajan
Key Words: models, theory, general.

TAY-84
Taylor, T.
Key Words: models, theory, general.

TAY-87
Taylor, T., and B. Hartman
Key Words: models, formal, general.

TER-89
Terry, P., and S. Wiseman
Key Words: models, theory.

TRU-86
Trueblood, R.P., and A. Sengupta
Key Words: models, techniques.

TSA-87
Tsai, C.-R., V.D. Gligor, and C.S. Chandersekaran
Key Words: covert channel, formal, methods, techniques.

TSA-88
Tsai, C.-R., and V.D. Gligor
Key Words: covert channel, models, techniques.

WEB-89
Weber, D.G., and R. Lubarsky
Key Words: verification, description.

WIL-88
Williams, J.C. and G.W. Dinolt
Key Words: models, theory, general.

WIT-89
Witbold, J.T.
Key Words: covert channel, methods, techniques.

WRA-89
Wray, J.C.
Key Words: models, flow, methods.

WUM-81
Wu, M.S.
Key Words: models, hierarchical.

YOU-89
Young, W.D.
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

Key Words: authentication, techniques.

ALV-88
Alvare, A., and E. Schultz

Key Words: authentication, methods, passwords.

AND-88
Anderson, L.

Key Words: authentication, methods, passwords.

ANC-83a
Ancilotti, P., N.Lijtmaer, and M. Boari

Key Words: control, techniques.

BAC-89
Bacic, E.

Key Words: controls, OS, techniques.

BAN-84
Banton, B.F. and M.S. Barton

Key Words: authentication, methods, passwords.

BEK-88
Beker, H.

Key Words: authentication, methods, passwords.

BEN-83
Bound, W.A.J.

Key Words: control, techniques.

BOW-88
Bowers, D.M.

Key Words: book, control, general.

BRA-84
Brand, S.L., and M.E. Flaherty

Key Words: authentication, methods, passwords, management.

BRO-84
Brown, R.L.

Key Words: control, passwords.
BUN-87
Bunch, S.
Key Words: authentication, methods.

BUR-89
Burk, H., and A. Pfitzmann
Key Words: control, methods.

CAR-83
Carlsson, A.
Key Words: control, techniques.

CAR-87
Carroll, J.M.
Key Words: book, general, methods, techniques.

CAR-88
Key Words: authentication, passwords, awareness, techniques.

CAR-88a
Carlton, S.F., J.W. Taylor, and J.L. Wyszynski
Key Words: authentication, techniques.

CHA-85
Chaum, D.
Key Words: general, methods.

CHA-86
Chang, C.C.
Key Words: control, techniques.

CLE-87
Clements, P.C.
Key Words: architecture, design.

COH-88
Cohen, F.
Key Words: design, network, hardware.

COM-84
Comer, M. (Ed.)
Key Words: threats, passwords.

CON-83
Connolly, W.
Key Words: threats, passwords.

COO-84
Cooper, J.A.
Key Words: book, general, methods.

CSC-85
Department of Defense
Key Words: guidelines, passwords.

CSC-88
Key Words: control, guidelines.

CUS-80
Cushing, S.
Key Words: software, guidelines.
DAV-81
Davida, G.I., and J. Livesey

Key Words: design, control, methods.

DAV-85
Davida, G.I. and B.J. Matt

Key Words: control, OS, techniques.

DAV-88
Davida, G.I., and B.J. Matt

Key Words: control, techniques.

DEB-85
de Bruyne, P.

Key Words: authentication, methods, techniques.

DEC-89

Key Words: book, control, general.

DEH-89
Dehnad, K.

Key Words: authentication, methods.

DEN-86
Denning, D.E.

Key Words: auditing, techniques.

DES-86
Deswarte, Y., et al.

Key Words: architecture, design.

DOB-86
Dobson, J.E., and B. Randell

Key Words: architecture, design.

DOW-84
Downs, D.D.

Key Words: OS, techniques.

DUC-85
du Croix, A.J.

Key Words: control, techniques.

DUP-86
Dupy, M., et al.

Key Words: software, techniques.

DUV-88
Duval, S., et al.

Key Words: authentication, methods.

ELO-83
Eloff, J.H.P.

Key Words: software, guidelines.
ELS-88
Elsbury, J.
Key Words: authentication, methods, techniques.

ENG-87
Engelman, P.D.
Key Words: control, techniques.

EST-89
Estrin, D., and G. Tsudik
Key Words: control, requirements.

EVA-83
Key Words: guidelines, software.

FAR-86
Farrow, R.
Key Words: OS, vulnerabilities.

FAY-86
Fray, J.-M., and J.-C. Fraga
Key Words: architecture, design.

FEI-86
Friedman, M.
Key Words: control, techniques.

FIL-86
Filipski, A., and J. Hanko
Key Words: control, OS, design.

FIS-84
Fisher, R.P.
Key Words: book, general, methods, techniques.

FIS-88
Fish, T.
Key Words: control, model, methods.

FIT-88
Fitzgerald, K.
Key Words: control, guidelines.

FRA-86
Fray, J.M., Y. Deswarte, and D. Powell
Key Words: architecture, design.

FRI-88
Friedman, M.
Key Words: control, software.

FUG-88
Fugini, M., and R. Zicari
Key Words: control, techniques.

GON-89
Gong, L.
Key Words: architecture, capability.
GON-89a
Gong, L.
Key Words: control, capability.

GRA-84
Grampp, F.T., and R.H. Morris
Key Words: control, OS, design.

GRE-81
Green, G., and R.G. Farber
Key Words: book, general, methods, techniques.

GRO-84
Grossman, G.
Key Words: control, techniques.

GUY-85
Guynes, S.
Key Words: control, software, design.

HAG-86
Hagopian, G.
Key Words: control, software, design.

HAG-86a
Hagopian, G.
Key Words: control, software, design.

HAS-84
Haskett, J.A.
Key Words: control, techniques.

HAY-88
Haykin, M.E., and R.B.J. Warner
Key Words: control, methods.

HEB-80
Hebbard, B., et al.
Key Words: vulnerabilities, OS.

HEN-87
Henning, R.R., and S. A. Walker
Key Words: control, integrity, design.

HEN-87a
Henderson, S.C.
Key Words: control, software.

HEN-88
Henderson, S.C.
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.
Key Words: control, PC, general.
HIG-86
Highland, H.J.
"How to Modify a Microcomputer Operating System for Added Security."
Key Words: OS, PC, guidelines.

HIG-88
Highland, H.J.
"Program Aids for Office Automation Security."
Key Words: control, software.

HOG-88
Hogan, C.B.
Key Words: control, general, design.

HOS-88
Hosmer, H.H. and M. Merriman
"Using CASE Tools to Improve the Security of Application Systems."
Key Words: control, techniques, methods, design.

HOV-83
Hovig, P.L.
"To Install an Access Control System: Activities and Checklists."
Key Words: control, guidelines.

IBM-83
Key Words: control, guidelines.

IBM-88
Key Words: control, guidelines.

ISR-83
Israel, J.E. and T.A. Linden
"Authentication in Office System Internetworks."
Key Words:

JOB-89
Jobush, D.L., and A.E. Oldenhoeft
Key Words: control, passwords.

JOB-89a
Jobush, D.L., and A.E. Oldenhoeft
Key Words: control, passwords.

JOB-81
Johnston, R.E.
"Security Software Packages."
Key Words: control, software.

JOH-83
Johnston, R.E.
"Comparison of Access Control Software Packages."
Key Words: control, software.

JOH-83a
Johnston, R.E.
"Security Software Packages for CICS."
Key Words: control, software.

JOH-83b
Johnston, R.E.
"Comparison of Access Control Software for IBM Operating Systems: ACF2, RACF, SAC, SECURE, TOP SECRET."
Key Words: control, software.

JOH-89
Johnson, H.L., and C. Arvin
"Security for Embedded Tactical Systems."
Key Words: control, requirements.

JON-80
Jonkait, J.
"Gnosis: A Secure Capability Based 370 Operating System."
Key Words: control, OS, capability.

JON-86
Jones, R.W.
"The Design of Distributed Secure Logical Machines."
Key Words: control, design, network.
JON-89
Jones, R.W.

Key Words: control, network, design.

JOS-89
Joseph, M.K.
"Integration Problems in Fault-Tolerant Secure Computer Design," Preprints,

Key Words: architecture, design.

JUE-88
Juenemann, R.R.
"Integrity Controls for Military and Commercial Applications," Proc. 4th

Key Words: control, integrity.

JUE-89
Jueneman, R.R.
"Integrity Controls for Military and Commercial Applications, II," Report,

Key Words: control, integrity.

KAH-88
Kahane, Y., S.Neumann, and C.S. Tapiero
"Computer Backup Pools, Disaster Recovery, and Default Risks,"

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,

Key Words:

KAR-88
Karger, P.A.
"Implementing Commercial Data Integrity with Secure Capabilities,"

Key Words: integrity, capability.

KAR-88a
Karren, D.T.
"Typical System Access Control Problems and Solutions," Information Age

Key Words: control, techniques.

KAR-89
Karger, P.A.

Key Words: capability, methods.

KIE-88
Kielsky, M.

Key Words: control, OS, methods.

KNO-87
Knowles, F., and S. Bunch

Key Words: control, technique.

KNO-88
Knox, M.J., and E.D. Bowden

Key Words: OS, techniques, methods.

KOE-84
Koehring, J.

Key Words: authentication, methods.

KON-81
Konigsford, w.L.
"Developing Standards for Operating System Security,"

Key Words: control, OS, methods.

KRA-88
Krayem, R.
"Smart Cards: A New Tool for Identification and Access Protection," Information Age

Key Words: control, techniques, authentication.
KUR-85
Kurth, H.
Key Words: techniques, methods.

KUR-85a
Kurzban, S.A.
Key Words: control, passwords.

KUR-89
Kurzban, S.
Key Words: control, models.

LAI-89
Laih, C.S., L. Harn, and J.Y. Lee
Key Words: control, techniques.

LAN-89
Landau, C.R.
Key Words: control, capability, techniques.

LAR-86
Larson, J.A.
Key Words: control, discretionary, methods, techniques.

LEE-84
Lee, T.M.P.
Key Words: control, design, methods.

LEE-88
Lee, T.M.P.
Key Words: control, integrity, methods.

LEG-83
Legrand, S.
Key Words: control, techniques.

LEG-88
Legge, J.
Key Words: control, OS, methods.

LEV-83
Leveson, N.G., and P.R. Harvey
Key Words: software, safety.

LIP-82
Lipner, S.B.
Key Words: controls, methods, techniques.

LIP-85
Lipner, S.B.
Key Words: development, description.

LIP-85a
Lipton, D.L. and H.K.T. Wong
Key Words: authentication, general.
LIP-86
Lipton, D.L.
Key Words: authentication, methods.

LOP-84
Lopriore, L.
Key Words: architecture, capability.

LUK-84
Luke, L.R.
Key Words: control, passwords.

LUN-89
Lunt, T.F.
Key Words: control, policy.

MAR-87
Maria, A.
Key Words: control, software.

MAR-88
Martin, D.F., and J.V. Cook
Key Words: verification, methods.

MEN-88
Menkus, B.
Key Words: awareness, passwords.

MEN-88a
Menkus, B.
Key Words: awareness, passwords.

MIL-89
Miller, D.V., and R.W. Baldwin
Key Words: control, techniques.

MIN-84
Minsky, N.H.
Key Words: control, techniques.

MOF-88
Moffett, J.D. and M.S. Sloman
Key Words: control, management.

MOL-84
Molloy, C.
Key Words: control, methods.

MON-84
Montini, G., and F. Sirovich
Key Words: control, models.

MOR-86
Morshedian, D.
Key Words: control, passwords.

MUR-84
Murray, W.H.
Key Words: control, PC, methods.

NBS-85
Key Words: passwords, guidelines, techniques, management.

NBS-85a
Key Words: authentication, methods, guidelines, techniques.

NES-83
Nessett, D.M.
Key Words: control, description.
NEW-86
Newsome, R.M.

Key Words: control, description.

NEW-88
Newberry, M., and J. Seberry

Key Words: control, passwords.

OPA-86
Opaska, W.P.

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-86
Paans, R.

Key Words: book, control, methods.

PAA-86a
Paans, R.

Key Words: control, description.

PAA-86b
Paans, R., and I.S. Herschberg

Key Words: control, description.

POS-87
Post, G.V.

Key Words: control, OS, methods.

POW-87
Power, J.M., and S.R. White

Key Words: authentication, methods.

POZ-86
Pozzo, M.M., and T.E. Gray

Key Words: threats, management.

POZ-89
Pozzo, M., and S. Crocker

Key Words: certification, methods.

RAB-89
Rabin, M.O.

Key Words: control, design, methods.

RAJ-82
Rajunas, S.A.

Key Words: requirements, policy.

RAL-88
Raleigh, T., and R. Underwood

Key Words: control, passwords.

RAN-86
Randell, B., and J.E. Dobson

Key Words: control, design, methods.
REE-84
Reeds, J., and P. Weinberger

Key Words: control, techniques.

REI-86
Reid, B.

Key Words: OS, vulnerabilities.

REI-88
Reisinger, D.A.

Key Words: control, descriptions.

RID-89
Riddle, B.L., M.S. Miron, and J.A. Semo

Key Words: control, passwords.

ROW-87
Rowe, K.E., and C.O. Ferguson, Jr.

Key Words: control, requirements.

RUT-89
Rubberg, Z.G., and W.T. Polk

Key Words: proceedings, integrity.

SAN-88
Sandhu, R.

Key Words: integrity, techniques.

SAN-88a
Sandhu, R.S.

Key Words: control, methods.

SAN-88b
Sandhu, R.S.

Key Words: control, methods.

SAN-89
Sandhu, R.

Key Words: control, general, methods, guidelines.

SAT-88
Satyanarayanan, M.

Key Words: control, design, network.

SCH-83
Schweitzer, J.A.

Key Words: control, passwords, methods.

SCH-88
Schokley, W.R.

Key Words: integrity, policy, methods.

SHA-87
Shannon, T.C.

Key Words: control, description.

SHE-89
Sherizen, S., and F. Engel

Key Words: control, description.
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<thead>
<tr>
<th>Year</th>
<th>Author</th>
<th>Title</th>
<th>Journal/Conference</th>
<th>Page Range</th>
<th>Key Words</th>
</tr>
</thead>
</table>
WAG-88
Wagner, D.A.
Key Words: control, description.

WIL-81
Key Words: vulnerabilities, threats, description.

WON-85
Wong, R.
Key Words: control, passwords.

WON-89
Wong, R.M. and Y.E. Ding
Key Words: integrity, software, techniques, methods.

WOO-80
Wood, H.M.
Key Words: control, passwords, general.

WOO-83
Wood, C.C.
Key Words: control passwords.
WOO-84
Wood, M., and T. Elbra

Key Words: book, general, control, design, methods.

WOO-85
Wood, C.C.

Key Words: control, PC, methods.

WOO-85a
Wood, P.H., and S.G. Kochan

Key Words: book, control, methods, description.

WOO-86
Wood, C.C., and H.M. Zeidler

Key Words: control, techniques.

WOO-87
Woodcock, M.E.

Key Words: control, software, methods.

WOO-88
Wood, C.C.

Key Words: authentication, methods.

WOR-85
Worthington, T.K., et al.

Key Words: authentication, methods.

WUM-84
Wu, M.L., and T.Y. Hwang

Key Words: control, technique.

YEO-85
Yeo, G.K.

Key Words: control, methods.

ZAJ-88
Zajac, B.P., Jr.

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.),
Key Words: book, general, methods.

AKL-82
Akl, S.G., and P.D. Taylor
Key Words: MLS, cryptography.

ALB-87
Albert, S.B.
Key Words: criteria, networks.

AME-80
Ames, S.R., and J.G. Keeton-Williams
Key Words: trusted, kernel, methods.

AME-81
Ames, S.R., Jr.
Key Words: kernels, general, methods.

AND-85
Anderson, E.R.
Key Words: trusted, requirements.

ARN-84
Arnold, T.S.
Key Words: MLS, design, methods.

ARN-85
Arnold, T.S.
Key Words: MLS, design, methods.

ASH-89
Asby, V.A., T. Gregg, and A. Lee
Key Words: MLS, design, methods.

5-1
BAR-84
Barnes, D.

Key Words: MLS, design, network.

BAR-88
Barker, W.C., P. Cochrane, and M. Branstad

Key Words: OS, design, cryptography.

BAR-89
Barker, W.C.

Key Words: methods, software.

BAX-86
Baxter, M.S.J.

Key Words: MLS, architecture.

BEL-84
Bell, D.E.

Key Words: MLS, trusted, design.

BEN-84
Benzel, T.V.

Key Words: verification, kernel.

BEN-85
Benzel, T.C.V. and D.A. Travilla,

Key Words: verification, software.

BEN-89
Benzel, T.C.V.

Key Words: trusted, design, methods.

BER-80
Berstis, V.

Key Words: design, methods, case.

BER-88
Berch, R., et al.

Key Words: verification, software.

BEV-89
Bevier, W.R.

Key Words: verification, OS, case.

BIR-86
Birrell, A.D., et al.

Key Words: authentication, methods.

BLA-81
Blakely, G.R., G. Ma, and L. Swanson

Key Words: verification, methods.

BLO-86
Blobicky, S., K. Lynch, and S. Lipner

Key Words: MLS, design, case.

BOE-85
Boebert, W.E., R.Y. Kain, and W.D. Young

Key Words: MLS, design, methods.
BOE-85a
Key Words: MLS, verification, design.

BOE-88
Key Words: TCB, architecture, design.

BOE-88a
Key Words: TCB, design, techniques.

BON-89
Key Words: architecture, design.

BRA-84
Key Words: criteria, guidelines.

BRA-86
Key Words: trusted, OS, policy, case.

BRA-87
Key Words: OS, design, case.

BRA-88
Key Words: control, design, methods.

BRA-88a
Key Words: trusted, OS, policy, case.

BRA-89
Key Words: control, kernel, design.

BRA-89a
Key Words: verification, OS, case.

BRI-85
Key Words: verification, methods.

BRO-88
Key Words: trusted, design, general.
BUS-83
Bussolati, U. and G. Martella
"The Design of Secure Distributed Systems,"

Key Words: trusted, design, general.

CAR-86
Carlson, R.A., and T.F. Lunt,

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,"

Key Words: MLS, design, case.

CAR-88
Carroll, J.M.

Key Words: MLS, design, methods.

CAS-88
Casey, T.A., et al.

Key Words: MLS, OS, network, design.

CAS-89
Casey, T., et al.

Key Words: trusted, methods.

CHE-81
Chehey, M.H., et al.

Key Words: verification, general.

COO-88
Cook, J., and D.F. Martin

Key Words: verification, methods.

COR-84
Craigen, D.

Key Words: verification, design, case.

COO-84
Craigen, D.

Key Words: verification, design, case, methods.

CRO-88
Crocker, S.D., et al.

Key Words: verification, architecture, techniques, methods, case.

COR-89
Cornwell, M.R.

Key Words: trusted, software, design.

COX-81
Cox, L.A., and R.R. Schell

Key Words: kernel, design, case, architecture.
CRO-89
Crocker, S.D., and E.J. Siarkiewics
Key Words: trusted, software, methods.

CSC-85
Key Words: guidelines, criteria.

CSC-85a
Key Words: criteria, guidelines.

CSC-87
Key Words: guidelines, control.

CSC-88
Key Words: guidelines, design.

CSC-88a
Key Words: guidelines, auditing.

CSC-88b
Key Words: guidelines, TCB, criteria.

CSC-88c
Key Words: guidelines, design.

CSC-88d
Key Words: guidelines, design.

CSC-89
Key Words: guidelines, verification.

CSC-89a
Key Words: guidelines, design.

CUM-87
Cummings, P.T., et al.
Key Words: MLS, design, case, methods.

CUT-88
Cutler, M.
Key Words: verification, design, case.

DAN-82
Dannenberg, R.B., and G.W. Ernst
Key Words: verification, methods.

DAV-80
Davida, G.I., et al.
Key Words: MLS, architecture, design.
DOD-82


Key Words: proceedings, MLS, design.

ECK-87

Eckeman, S.T.

Key Words: verification, methods.

DIV-87

Di Vito, B.L., and L.A. Johnson

Key Words: verification, methods.

DOD-80


Key Words: proceedings, MLS, design.

DOD-80a


Key Words: proceedings, MLS, design.

DOD-81


Key Words: proceedings, MLS, design.

DOD-82


Key Words: proceedings, MLS, design.

DOD-83


Key Words: MLS, criteria, policy, verification, TCB, design.

DOD-83a


Key Words: MLS, criteria, policy, verification, TCB, design.

DOD-84


Key Words: proceedings, MLS, design.

DOD-85


Key Words: MLS, TCB, criteria.

DOW-85

Downs, D.D. et al.

Key Words: discretionary, control.

ELO-85

Eloff, J.H.P.

Key Words: specification, methods.

FAR-86

Farmer, W.M., D.M. Johnson, and F.J. Thayer

Key Words: verification, software.

FEL-87

Fellows, J., et al.

Key Words: architecture, TCB, network.

FET-88

Fetzer, J.H.

Key Words: verification, general.
GAS-88
Gasser, M.
Key Words: book, general, MLS, design.

GLI-83
Gligor, V.D.
Key Words: denial, threats, design.

GAM-88
Gambel, D., and S. Walter
Key Words: TCB, design, techniques.

GLI-84
Gligor, V.D.
Key Words: denial, threats, design.

GLI-85
Gligor, V.D.
Key Words: verification, case.

GLI-86
Gligor, V.D., et al.
Key Words: MLS, policy, design, case.

GLI-86a
Gligor, V.D., and C.S. Chandersekaran
Key Words: MLS, network, design.

GLI-86b
Gligor, V.D., et al.
Key Words: verification, design, case.
GLI-87
Gligor, V.D., et al.
February 1987, pp. 208-221.

Key Words: MLS, policy, design, case.

GLI-87a
Gligor, V.D., et al.

Key Words: verification, case.

GOL-81
Golberg, D.L.

Key Words: kernel, network, case.

GOL-84
Gold, B.D., R.R. Linde, and P.F. Cudney

Key Words: kernel, design, case.

GOO-88
Good, D.I.

Key Words: MLS, design, techniques.

GRA-88
Graubart, R.D.

Key Words: MLS, design, techniques.

GRE-89
Grenier, G.-L., R.C. Holt, and M. Funkenhauser

Key Words: policy, design, case.

GUS-87
Guspari, D., C.D. Harper, and N. Ramsey

Key Words: verification, case.

HAD-88
Hadley, S., et al.

Key Words: verification, case.

HAL-87
Haigh, J.T., et al.

Key Words: covert channel, case.

HAL-87a
Haigh, J.T. and W.D. Young

Key Words: MLS, model, case.

HAL-85
Haley, C.J., and F.L. Mayer

Key Words: verification, design.

HAL-86
Halpern, J.D., et al.

Key Words: verification, case.

HAL-87
Halpern, J.D., et al.

Key Words: verification, case.
HAL-87a
Halpern, J.D., and S. Owre

Key Words: verification, general.

HAL-87b
Hale, M.W.

Key Words: TCB, criteria, general.

HAR-84
Hartman, B.A.

Key Words: verification, kernel, case.

HAR-85
Hardy, N.

Key Words: architecture, kernel, case.

HAL-87a

Key Words: verification, general.

HAL-87b
Hale, M.W.

Key Words: TCB, criteria, general.

HAR-84
Hartman, B.A.

Key Words: verification, kernel, case.

HAR-85
Hardy, N.

Key Words: architecture, kernel, case.

HAR-89a
Harrison, L.J.

Key Words: MLS, methods, case.

HEN-85
Henning, R.R.

Key Words: MLS, design, methods.

HEN-88
Henning, M. and A. Rhode

Key Words: specification, case.

HIN-89
Hinke, T.H.

Key Words: MLS, methods, design.

IEE-80

Key Words: proceedings, research.

IEE-81

Key Words: proceedings, research.

IEE-82

Key Words: proceedings, research.

IEE-83

Key Words: MLS, networks, methods, design, cryptography.

IEE-83a

Key Words: proceedings, research.

IEE-83b

Key Words: MLS, methods, design, kernel, research.

IEE-84

Key Words: proceedings, research.
IEE-85

Keywords; proceedings, research.

IEE-85a

Keywords; proceedings, design, methods, case.

IEE-86

Keywords; proceedings, research.

IEE-86a

Keywords; proceedings, design, methods, case.

IEE-87

Keywords; proceedings, research.

IEE-87a

Keywords; proceedings, design, methods, case.

IEE-88

Key Words: proceedings, research.

IEE-88a

Keywords; proceedings, design, methods, case.

IEE-89

Keywords; proceedings, research.

IEE-89a

Keywords; proceedings, design, case.

IRV-88
Irvine, C.E., et al.

Keywords; MLS, policy, design, case.

JAN-89
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Keywords; verification, methods.

JOH-89
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Keywords; verification, general.

JOS-87
Joseph, M.K.

Keywords; denial, design, methods.

KAR-84
Karger, P.A., and A.J. Herbert

Keywords; architecture, capability.

KAR-87
Karger, P.A.

Keywords; threats, vulnerabilities, methods, discretionary.

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KAU-87
Kaufmann, M., and W.D. Young.

Key Words: specification, methods, design, case.

KEM-80
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Key Words: specification, methods, case.

KEM-82
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Key Words: covert channel, methods.

KEM-86
Kemmerer, R.A.

Key Words: verification, general.

KET-88
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Key Words: design, methods, software.

KIN-88
King, G., and B. Smith

Key Words: design, network, case.

KIN-88a
King, G., and W. Smith

Key Words: MLS, model, design.

KOR-84
Korelskiy, T., and D. Sutherland

Key Words: MLS, specification, case.

KRA-83
Kramer, S.M., and D.P. Sidhi

Key Words: MLS, models, flow.

KRA-84
Kramer, S.

Key Words: MLS, OS, design, case.

KUH-88
Kuhn, D.R.

Key Words: certification, software.

LAM-85
Lampson, B.W.

Key Words: policy, models, general.

LAN-81
Landwehr, C.E.

Key Words: verification, methods.

LAN-82
Landauer, C., and S. Crocker

Key Words: verification, methods, flow.

LAN-83
Landwehr, C.E.

Key Words: design, methods, general.
LAN-83a
Landwehr, C.E.

Key Words: MLS, criteria, general.

LAN-84
Landwehr, C.E., and J.M. Carroll

Key Words: architecture, general.

LAN-85
Landwehr, C.E., and H.O. Lubbes

Key Words: requirements, criteria.

LEE-89
Lee, T.M.P.

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

Key Words: models, OS, case.

LEV-89a
Levin, T.E., S.J. Padilla, and R.R. Schell

Key Words: verification, design, case.

LOE-85
Loeper, K.

Key Words: covert channel, case.

LOE-89
Loepere, K.

Key Words: covert channel, case.

LUC-86
Luckenbaugh, G.L., et al.

Key Words: model, methods, case.

LUM-89
Lu, M.M.

Key Words: verification, guidelines.

MAC-83
MacEwen, G.H.

Key Words: MLS, design, case.

MAC-84
MacEwen, G.H., and D.T. Barnard

Key Words: specification, case.

MAC-84a
MacEwen, G.H., B. Burwell, and Z.J. Lu,

Key Words: MLS, methods, design.

MAR-83
Marick, B.

Key Words: verification, case.
MAR-84
Margulis, B.I.

Key Words: architecture, design, case.

MAR-88
Marmor-Squires, A.B.,
and P.A. Rougeau
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for Trusted Systems Development," Proc. 11th

Key Words: trusted, models, design, general.

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C.D. Harper

Key Words: verification, methods, case.

MAY-89
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J.N. McAuliffe
"The Design of the Trusted Workstation: A True

Key Words: trusted, design, case, network.

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Key Words: threats, techniques.

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"An EMACS Based Downgrader for the SAT," 
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Key Words: MLS, techniques, case.

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McHugh, J. and D.I. Good

Key Words: verification, methods, case.

MCM-85
McMahon, E.M.
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Aerospace Computer Sec.

Key Words: MLS, methods, design, case.

MEA-87
Meadows, C.
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Application to Message Systems: Reducing Covert
Channels," Proc. 1987 IEEE
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Key Words: covert channel, methods, architecture, case.

MIG-87
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Specifications-to-Code Correspondence," Proc.
COMPASS '87: Comp.

Key Words: verification, methods specification.

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101-111.

Key Words: models, methods, case.

MIL-82
Millen, J.K.
"Kernel Isolation for the PDP
Symp. on Sec. & Privacy, (5: IEE-82), pp. 57-65.

Key Words: kernel, technique, case.

MIZ-87
Mizuno, M., and
A.E. Oldenhofe
"Information Flow Control in a Distributed Object-Oriented
System with Statistically
Bound Object Variables," Proc.
10th Natl. Comp. Sec. Conf.,

Key Words: control, slow, techniques.
MUR-88
Murray, M., R. Berch, and S. Caperton
Key Words: verification, software, methods, design, case.

NCS-85
Key Words: proceedings, general.

NCS-86
Key Words: proceedings, general.

NCS-87
Key Words: proceedings, general.

NCS-88
Key Words: proceedings, general.

NCS-88a
Key Words: proceedings, general.

NCS-89
Key Words: proceedings, general.

NEE-85
Neely, R.B. and J.W. Freeman,
Key Words: verification, design.

NEE-89
Neely, R.B., J.W. Freeman, and M.D. Krenzin
Key Words: verification, methods.

NEI-84
Neilson, J.O., and F.E. Wuebker
Key Words: MLS, design, case.

NEU-86
Neumann, P.G.
Key Words: models, methods, design.

NEU-88
Neugent, W.
Key Words: MLS, methods, design.

NEU-89
Neugent, W.
Key Words: MLS, methods, design.

ONE-86
O'Neil-Dunne, J.
Key Words: TCB, control, design.

PAR-88
Parker, T.A.
Key Words: trusted, OS, design, case.

PAR-89
Partney, T.J.
Key Words: MLS, methods, design, case.
PER-84
Perrine, T., J. Codd, and B. Hardy

Key Words: OS, kernel, design, case.

PFL-88
Pfleeger, C.P., and S.L. Pfleeger

Key Words: certification, case.

PFL-89
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Key Words: vulnerabilities, methods.

PFL-89a
Pfleeger, C.P.

Key Words: book, MLS, cryptography general.

PLA-81
Platek, R.A.

Key Words: verification, methods, specification, case.

POZ-84
Pozzo, M.M.

Key Words: trusted, methods, design, case.

PRO-85
Proctor, N.

Key Words: verification, case.

PRO-89
Proctor, N., and R. Wong

Key Words: OS, policy, design, case.

RAI-86

Key Words: methods, design, case.

ROS-89
Rosenthal, D.

Key Words: verification, design, case.

ROU-87
Rougeau, P.A.

Key Words: TCB, architecture, design.

RUS-81
Rushby, J.M.

Key Words: verification, design.

RUS-82
Rushby, J.M.

Key Words: verification, techniques.

RUS-83
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Key Words: architecture, design, case.

RUS-84
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Key Words: TCB, design, case.
RUS-89
Russell, T.T., and M. Schaefer
Key Words: architecture, design, case.

SAY-87
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Key Words: TCB, architecture, case.

SAY-89
Saydjari, O.S., J.M. Beckman, and J.R. Leaman
Key Words: TCB, architecture, case.

SCH-83
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Key Words: methods, design, general.

SCH-83a
Schell, R.R.
Key Words: kernel, design, case.

SCH-84
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Key Words: architecture, general.

SCH-84a
Schell, R.R., and T.F. Tao
Key Words: architecture, design.

SCH-84b
Schell, R.R.
Key Words: trusted, general.

SCH-85
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Key Words: kernel, design, case.

SCH-86
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Key Words: methods, techniques, design.

SCH-87
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Key Words: TCB, methods, design.

SCH-88
Schaffner, M.A., and G. Walsh
Key Words: OS, architecture, design, case.

SCH-88a
Schockley, W.R., T.F. Tao, and M.F. Thompson
Key Words: MLS, OS, kernel, methods, design, case.

SCH-89
Schaefer, M.
Key Words: model, requirement, case.

SCH-89a
Schallenmueller, E., et al.
Key Words: MLS, design, case.

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SHI-81
Shirley, L.J., and R.R. Schell
Key Words: requirements, methods.

SID-84
Sidhu, D.P.
Key Words: specification, methods.

SIE-87
Siebert, W.O., et al.
Key Words: MLS, criteria, case.

SIL-83
Silverman, J.
Key Words: OS, verification, case.

SMI-86
Smith, T.A.
Key Words: design, techniques.

SOL-81
Solomon, D.J.
Key Words: MLS, methods, design.

STA-86
Stauffer, B.C., and R.U. Fujii
Key Words: verification, methods.

SWA-85
Swaminathan, K.
Key Words: control, methods.

TAY-89
Taylor, T.
Key Words: verification, case.

TUR-81
Tum, R. (Ed.)
Key Words: book, general.

TUR-84
Tum, R. (Ed.)
Key Words: book, general.

TUR-88
Tum, R. (Ed.)
Key Words: book, general.

VAR-89
Varadharajan, V., and S. Black
Key Words: specification, case.

VON-88
von Henke, F.W., et all.
Key Words: verification, case.

WAL-80
Walker, S.T.
Key Words: trusted policy, methods.

WAL-80a
Walker, B.J., R.A. Kemmerer, and G.J. Popek
Key Words: specification, methods, verification, case.

WEI-82
Weissman, C.
Key Words: MLS, methods, techniques.
WIS-86  
Wiseman, S.  
Key Words: architecture, capability.
YUC-88
Yu, C.-F, and V.D. Gligor
"A Formal Specification and
Verification Method for the
Prevention of Denial of
Symp. on Sec. & Privacy, (5:

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

Key Words: database, control.

AHI-88
Ahituv, N., Y. Lapid, and S. Neumann

Key Words: statistical, inference.

AKL-87
Akl, S.G., and D.E. Denning

Key Words: database, methods.

BAX-86
Baxter, V.,

Key Words: database, methods.

BEC-80
Beck, L.L.

Key Words: statistical, inference.

BER-87
Berson, T.A., and T.F. Lunt

Key Words: database, policy, methods.

BIS-87
Biskup, I.

Key Words: database, policy, methods.

BIS-88
Biskup, J., and H. Graf

Key Words: models, methods, case.

BLA-85
Blakley, G.R., and C. Meadows

Key Words: statistical, encryption.

BOE-86
Boebert, W.E., B.B. Dillaway, and J.T. Haigh

Key Words: DBMS, policy, requirements.

BON-80
Bonyun, D.A.

Key Words: DBMS, relational, kernel.

BON-84
Bonyun, D.A.

Key Words: DBMS, control, methods.
BON-86
Bonyun, D.
Key Words: DBMS, policy, integrity.

BON-87
Bonyun, D.A.
Key Words: DBMS, auditing, methods.

BON-89
Bonyun, D.A.
Key Words: DBMS, methods, case.

BOU-84
Boukaert, A.
Key Words: database, techniques.

BUC-89
Buczkowski, L.J.
Key Words: control, inference.

BUR-86
Burns, R.K.
Key Words: MLS, DBMS, techniques.

BUR-87
Burns, R.K.
Key Words: DBMS, trusted, methods.

BUR-89
Burns, R.K.
Key Words: MLS, database, design.

BUS-83
Bussollati, U., and G. Martella
Key Words: database, methods.

CAR-85
Carroll, J.M., and H. Jurgensen
Key Words: database, design, methods, relational.

CAR-87
Carson, et al.
Key Words: MLS, database.

CHI-80
Chin, F.Y., and G. Ozsoyoglu
Key Words: statistical, methods.

CHI-81
Chin, F.Y., and G. Ozsoyoglu
Key Words: statistical, design.

CHI-82
Chin, F.Y., and G. Ozsoyoglu
Key Words: statistical, auditing.

CHI-86
Chin, F.Y.
Key Words: statistical, inference.
CLA-83
Claybrook, B.G.
Key Words: DBMS, design, methods.

COA-86
Coates, C. and M. Hale (Eds.)
Key Words: proceedings, database.

COX-80
Cox, L.H.
Key Words: statistical, methods.

COX-86
Cox, L.H.
Key Words: statistical, inference.

COX-87
Cox, L.H.
Key Words: database, inference.

COX-88
Cox, L.H.
Key Words: statistical, inference.

CRO-89
Crocker, S., and E. Siarkiewicz
Key Words: DBMS, methods, software.

DAV-81
Davida, G.I., D.L. Wells, and J.B. Kam
Key Words: database, encryption.

DAV-88
Davidson, J.W.
Key Words: DBMS, kernel, design.

DEJ-83
DeJonge, W.
Key Words: statistical, inference.

DEN-80
Denning, D.E., and J. Schlorer
Key Words: statistical, inference.

DEN-80a
Denning, D.E.
Key Words: statistical, techniques.

DEN-81
Denning, D.E.
Key Words: statistical, inference, techniques.

DEN-82
Denning, D.E., J. Schlorer, and E. Wehrle
Key Words: statistical, inference.

DEN-83
Denning, D.E.
Key Words: database, encryption.
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<td>DEN-83b</td>
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<td>statistical, encryption</td>
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<td>DEN-84</td>
<td>Denning, D.E.</td>
<td>MLS, database, views</td>
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<td>DEN-85</td>
<td>Denning, D.E.</td>
<td>MLS, database, inference</td>
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<td>DEN-86a</td>
<td>Denning, D.E.</td>
<td>MLS, database, inference</td>
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<td>DEN-87</td>
<td>Denning, D.E., et al.</td>
<td>MLS, database, views</td>
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<td>DEN-87a</td>
<td>Denning, D.E., et al.</td>
<td>MLS, database, models</td>
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<td>Denning, D.E.</td>
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<td>DEN-89</td>
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<td>MLS, database, models</td>
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<td>DIL-86</td>
<td>Dillaway, B.B., and J.T. Haigh</td>
<td>MLS, database, design, case</td>
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<td>DIT-88</td>
<td>Dittrich, K.R., et al.</td>
<td>MLS, database, design, case</td>
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DOB-87
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Key Words: database, general.

DOB-88
Dobson, J.E., and J.A. McDermid
Key Words: database, models, general.

DOW-86
Downs, D.D.
Key Words: MLS, DBMS, criteria.

DOW-86a
Downs, D.D.
Key Words: DBMS, policy, discretionary.

DOW-89
Downing, A.R., I.B. Greenburg, and T.F. Lunt
Key Words: database, network, general.

DUC-85
du Croix, A.J.
Key Words: database, control, case.

DUN-86
Duncan, G., and D. Lambert
Key Words: statistical, methods.

DUN-87
Key Words: MLS, DBMS, methods.

DUN-88
Dwyer, P., et al.
Key Words: database, techniques.

Eriksson, R., and K. Beckman
Key Words: database, encryption.

FER-86
Feeney, T.
Key Words: DBMS, policy, methods.

FER-81
Fernandez, E.B., R.C. Summers, and C. Wood
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Key Words: book, database, general.

FER-89
Fernandez, E.B., E.Gudes, and H. Song
Key Words: database, models.

FRA-85
Fraga, J., and D. Powell
Key Words: database, methods, case.

FRI-80
Friedman, A.D., and L.J. Hoffman
Key Words: statistical, methods.
FRO-88
Froscher, J.N., and C. Meadows

Key Words: DBMS, trusted, methods.

FUG-85
Fugini, M.

Key Words: database, control, methods.

FUG-88
Fugini, M.G.

Key Words: database, methods.

GAJ-88
Gajnak, G.E.

Key Words: MLS, DBMS, case.

GAR-88
Garvey, C.

Key Words: DBMS, design, methods.

GAR-85
Gal, G., and W.E. McCarthy

Key Words: database, auditing.

GAR-86
Garvey, C.

Key Words: DBMS, design, methods.

GAR-88a
Garvey, C., N. Jensen, and J. Wilson

Key Words: MLS, DBMS, case.

GAR-88b
Garvey, C.E., and P.N. Papaccio

Key Words: MLS, database, design.

GAR-89
Garvey, C., et al.

Key Words: DBMS, design, case.

GIL-80
Gilhooley, I.A.

Key Words: database, methods, general.

GLA-88
Glasgow, J., and P. Panangaden

Key Words: database, control, methods.

GRA-82
Graubart, R., and J.P.L. Woodward

Key Words: DBMS, models, case.

GRA-84
Graubart, R.

Key Words: DBMS, design, methods.
GRA-84a
Graubart, R.D., and S. Kramer

Key Words: database, design, methods.

GRA-89
Graubart, R.

Key Words: DBMS, requirements, criteria.

GRA-89a
Graubart, R.

Key Words: DBMS, design, case.

GUD-80
Gudes, E.

Key Words: database, cryptography.

GUY-89
Guyne, C.S.

Key Words: statistical, requirements.

HAI-87
Haigh, J.T.

Key Words: database, requirements.

HAI-89
Haigh, J.T., et al.

Key Words: MLS, database, methods.

HAL-87
Hale, M.W.

Key Words: database, criteria.

HAR-81
Hartson, H.R.

Key Words: database, design.

HEN-86
Henning, R.R., and S.A. Walker

Key Words: database, design.

HEN-88
Henning, R.R., R.P. Simonian

Key Words: database, methods.

HEN-88a
Henning, R.R.

Key Words: DBMS, requirements.

HEN-89
Henning, R.R.

Key Words: DBMS, discretionary.

HIN-86
Hinke, T.H.

Key Words: DBMS, design, methods.

HIN-87
Hinke, T.H.

Key Words: DBMS, threats, general.
HIN-88
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Key Words: database, inference.

HIN-88a
Hinke, T.H.

Key Words: database, inference, design.

HIN-88b
Hinke, T.H., et al.

Key Words: database, design, methods.

HIN-89
Hinke, T.H.

Key Words: DBMS, methods, design.

HIN-89a
Hinke, T.H.

Key Words: MLS, database, design.

HON-82
Hong, Y.-C., and S.Y.W. Su

Key Words: database, techniques.

HOP-88
Hoppenstand, G.S., and D.K. Hsiao

Key Words: MLS, database, control.

HOS-88
Hosmer, H.H., and B.K. Burns

Key Words: MLS, database, design.

HOS-89
Hosmer, H.H.

Key Words: database, techniques.

HSI-87
Hsiao, D.K.

Key Words: database, awareness, general.

HUB-86
Hubbard, B.S., S.A. Walker, and R.R. Henning

Key Words: database, criteria.

IEO-88
Ieong, I.T., and T.C. Ting

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.

JAJ-89
Jajodia, S., et al.

Key Words: database, auditing.

JAJ-89a
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Key Words: DBMS, auditing, methods.
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design.

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Key Words: DBMS,
verification.

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case.

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Key Words: book, database,
controls.

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Key Words: proceedings,
database, general, methods.

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methods.
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Key Words: statistical, methods.

LIN-89
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Key Words: database, inference.

LIN-89a
Lin, T.Y.
Key Words: database, methods, theory.

LOC-87
Lochovsky, F.H., and C.C. Woo
Key Words: DBMS, methods.

LUN-87
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Key Words: database, techniques.

LUN-88
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Key Words: MLS, database, design.

LUN-88a
Lunt, T.F.
Key Words: database, control, policy.

LUN-88b
Lunt, T.F.
Key Words: MLS, database, methods.

LUN-88c
Lunt, T.F.
Key Words: database, general.

LUN-88d
Lunt, T.F.
Key Words: MLS, relational, design.

LUN-88e
Lunt, T.F., et al.
Key Words: MLS, database, methods.

LUN-89
Lunt, T.F.
Key Words: database, inference.

LUN-89a
Lunt, T.F.
Key Words: database, general.

LUN-89b
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Key Words: MLS, database, methods.

LUN-90
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Key Words: proceedings, general.

MAC-87
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Key Words: database, networks.
MAN-87
Manola, F.A.

Key Words: MLS, DBMS, general.

MAT-86
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Key Words: statistical, techniques.

MAT-87
Matloff, N.S.

Key Words: statistical, techniques.

MAT-88
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Key Words: database, theory, methods.

MCH-88
McHugh, J., and B.M. Thuraisingham

Key Words: MLS, DBMS, network.

MCL-85
McLeish, M.

Key Words: database, methods, control, inference.

MCL-89
McLeish, M.

Key Words: statistical, methods.

MEA-87
Meadows, C., and S. Jajodia

Key Words: MLS, databases, methods, integrity.

MEA-88
Meadows, C., and S. Jajodia

Key Words: trusted, DBMS, methods, techniques.

MEA-88a
Meadows, C.

Key Words: database, models, design.

MEA-88b
Meadows, C.

Key Words: database, design, methods, general.

MEA-89
Meadows, C.

Key Words: database, model, design, relational.

MEA-89a
Meadows, C., and J. Forscher

Key Words: OS, database, methods.

MIN-81
Minsky, N.

Key Words: databases, control, methods, techniques.

MIR-80
Miranda, S.

Key Words: DBMS, requirements, methods.
MOR-87

Key Words: MLS, database, inference.

MOR-88

Key Words: MLS, database, inference.

MOR-88a

Key Words: database, inference.

NAS-83

Key Words: proceedings, general.

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Key Words: database, guidelines integrity, methods.

NOT-86

Key Words: database, methods, network.

NOT-88

Key Words: MLS, DBMS, design.

NOT-88a

Key Words: database, methods, views.

OCO-88

Key Words: MLS, database, network.

OLD-84

Key Words: database, encryption.

OMA-83

Key Words: database, encryption.

OZS-82

Key Words: statistical methods, inference, design.

OZS-85

Key Words: statistical inference, techniques.

PAA-86

Key Words: statistical, threats, techniques.

PAL-87

Key Words: statistical, threats.
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D.L. Tennenhouse
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methods.

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Key Words: database, policy,
methods.

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Key Words: database, control,
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Key Words: database,
techniques.

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Key Words: MLS, database,
methods.

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Key Words: database, integrity.

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Key Words: database, case.

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Key Words: statistical,
inference.

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Key Words: statistical,
techniques.

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Key Words: statistical,
techniques.

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Partitioned Statistical
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Key Words: statistical,
inference.
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Schaefer, M.
Key Words: MLS, DBMS, criteria, design.

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Key Words: database, integrity.

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Schell, R.R., and D.E. Denning
Key Words: database, integrity.

SCH-88
Schaeffer, M.
Key Words: database, techniques.

SCH-89
Schaeffer, M.
Key Words: MLS, database, methods.

SMI-88
Smith, G.W.
Key Words: database, models, methods.

SMI-88a
Smith, G.W.
Key Words: MLS, database, methods.

SMI-89
Smith, G.W.
Key Words: MLS, database, methods.

SMI-89a
Smith, G.W.
Key Words: MLS, database, design.

SMI-89b
Smith, G.W.
Key Words: MLS, database, methods.

SMI-89c
Smith, G.W.
Key Words: MLS, database, policy.

SMI-89d
Smith, G.W.
Key Words: MLS, database, design.

SMI-89e
Smith, W.G.
Key Words: MLS, database, design.

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Key Words: MLS, database, OS, design.
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Key Words: DBMS, methods, case.

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Key Words: statistical, model, method, techniques.

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Key Words: MLS, DBMS, design.

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Key Words: MLS, DBMS, design.

THU-87
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"Security Checking in Relational Database Management Systems Augmented with Inference Engines,"  

Key Words: DBMS, inference, methods.

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Key Words: database, techniques.

THU-88a
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"Foundations of Multilevel Databases,"  

Key Words: MLS, database, theory.
THU-89
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Key Words: MLS, database, models.

THU-89a
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Systems," Proceedings, ACM Conference on Object-
Key Words: MLS, database, policy.

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Key Words: database, general, methods.

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Key Words: database, techniques.

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"A Functional View of Multilevel Databases,"
Key Words: MLS, database, methods.

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214.
Key Words: DBMS, methods, techniques.

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Key Words: database, methods.

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Key Words: statistical, methods.

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Key Words: database, trusted, design.

TRU-84
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Key Words: database, general, methods.

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Symp. on Sec. & Privacy, (5:
IEE-80), pp. 59-66.
Key Words: database, network, control.

VAN-86
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Key Words: database, relational.

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Key Words: database, design.

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110.
Key Words: database, encryption, control.

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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

Key Words: database, design, encryption, techniques.

WHI-89
Whitehurst, R.A., and T.F. Lunt

Key Words: verification, views, case.

WHI-89a
Whitehurst, R.A., and T.F. Lunt

Key Words: verification, views, case.

WIL-88
Wilson, J.

Key Words: MLS, DBMS, views.

WIL-89
Wilson, J.

Key Words: MLS, DBMS, policy, case.

WIN-88
Winkler, H.

Key Words: database, methods, case.

WIS-89
Wiseman, S.

Key Words: database, requirements.

WOO-80

Key Words: database, requirements.

WOO-89
Wood, T.

Key Words: database, kernel, design.

WUA-88
Wu, A.

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
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Key Words: crypto, hardware.

ABB-86
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"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.
Key Words: LAN, methods, general.

ABR-87
Abrams, M.D.
Key Words: trusted, network, criteria.

ABR-88
Abrams, M.D., S.I. Schaein, and M.W. Schwartz
Key Words: guidelines, trusted, network, criteria.

ADD-88
Addison, K.P.
Key Words: methods, network, case.

AGN-84
Agnew, G.B.
Key Words: LAN, methods, general.

AGN-85
Agnew, G.B.
Key Words: crypto, techniques, models, network.

ALB-84
Albert, D.J., et al.
Key Words: threats, crypto, keys, management.

ALV-89
Alvarez, D.L.
Key Words: contingency, network.

AMS-88
Amsel, E.
Key Words: control, network.

AND-85
Anderson, J.P.
Key Words: models, network.

AND-87
Anderson, D.P., and P.V. Ragan
Key Words: policy, distributed, models, network.
AND-87a
Anderson, D.P., and P.V. Ragan

Key Words: crypto, hardware.

ANS-82

Key Words: control, standards.

ANS-82a

Key Words: control, standards.

ARB-89
Arbo, R.S., E.M. Johnson, and R.L. Sharp

Key Words: MLS, network, control.

ARS-87
Arsenault, A.W.

Key Words: guidelines, trusted, network, criteria.

ARS-87a
Arsenault, A.W.

Key Words: guidelines, trusted, network, criteria.

BAC-89
Bacon, M.

Key Words: requirements, network, general.

BAK-84
Baker, P.C.

Key Words: criteria, general.

BAK-85

Key Words: verification, network, methods, case.

BAL-85
Balenson, D.M.

Key Words: crypto, keys, standards.

BAN-82
Banerjee, S.K.

Key Words: crypto, DES, hardware.

BAR-83
Barnes, D.

Key Words: methods, network.

BAR-86
Barrett, P.

Key Words: RSA, hardware, case.

BAR-89
Barker, L.K.

Key Words: LAN, models, case.
BAR-89a
Barrett, P.

Key Words: crypto, techniques.

BAR-89b
Bartlett, W.

Key Words: networks, general.

BAU-83
Bauer, R.K., T.A. Berson, and R.J. Feiertag

Key Words: crypto, keys, method.

BAY-88
Bayle, A.J.

Key Words: networks, general.

BEC-80
Beker, H.B.

Key Words: networks, general.

BEK-84
Beker, H., and M. Walker

Key Words: crypto, keys, case.

BEK-85
Beker, H. and F. Piper

Key Words: book, techniques.

BEK-87
Beker, H.J., and G.M. Cole

Key Words: network, methods, authentication.

BEL-86
Bell, D.E.

Key Words: trusted, network, criteria, methods.

BEL-89
Bellovin, C.

Key Words: threats, protocols, requirements, case.

BER-82
Berson, T.A.

Key Words: LAN, crypto, methods.

BER-82a
Berson, T.A. and R.K. Bauer

Key Words: LAN, crypto, methods.

BER-83
Berman, A.

Key Words: management, methods.

BON-89
Bong, D., and C. Ruland

Key Words: RSA, methods, PC.

BOS-88
Bosen, R.

Key Words: control, techniques, PC.

BOY-88
Boyd, C.

Key Words: crypto, methods, case.
BRA-82
Branstad, D.K., and M.E. Smid

Key Words: crypto, methods, standards.

BRA-85
Brand, S.

Key Words: network, criteria.

BRA-85a
Bradey, R.L., and I.G. Graham

Key Words: crypto, methods, PC.

BRA-87
Branstad, D.K.

Key Words: OSI, network, methods.

BRA-87a
Branstad, D.K.

Key Words: OSI, network, methods.

BRA-87b
Branstad, D., et al.

Key Words: protocols, case.

BRA-87c
Branstad, M., et al.

Key Words: protocols, case.

BRA-89
Branstad, M., et al.

Key Words: EM, crypto, keys.

BRI-84
Britton, D.E.

Key Words: crypto, network, methods.

BRI-89
Brickell, E.F.

Key Words: RSA, hardware, general.

BRO-84
Browne, P.S.

Key Words: management, network.

BUR-87
Burger, W.

Key Words: network, methods, case.

BUS-83
Busse, J.G.

Key Words: crypto, methods, case.

CAC-84
Caccetta, L.

Key Words: vulnerabilities, network.

CAL-83
Callaghan, D.R.

Key Words: methods, network.

CAP-88
Capel, A.C., C. Laterriere, and K.C. Toth

Key Words: methods, protocols.
CAR-86
Carroll, J.M., and S. Martin

Key Words: crypto, requirements.

CAR-87
Carroll, J.M.

Key Words: DES, management.

CAS-88
Casey, T.J., and S.R. Wilbur

Key Words: EM, policy, methods.

CER-83
Cerullo, M.J.

Key Words: controls, general.

CHE-89
Ches, D.M.

Key Words: threats, network.

CHI-89a
Chien, G.-H., and W.-T. Chen

Key Words: network, techniques, case.

CHR-88
Christoffersson, P.

Key Words: crypto, control.

CIM-85
Cimimiera, L., and A. Valenzano

Key Words: LAN, authentication.

CLA-87
Clark, A.J.

Key Words: crypto, physical, hardware, techniques.

COH-85
Cohen, F.

Key Words: network, design.

COH-87
Cohen, F.

Key Words: network, management, methods, control.

COH-87a
Cohen, F.

Key Words: network, management, methods, control.

COH-87b
Cohen, F.

Key Words: network, design, methods.

COH-87c
Cohen, F.

Key Words: crypto, technique.

COH-88
Cohen, F.

Key Words: network, methods, case.

COO-89
Cooper, J.A.

Key Words: book, techniques, methods, general.

CRA-88
Cramer, R., B. Ridridge, and E. Schallenmuller

Key Words: network, design, case.
CSC-87  

Key Words: trusted, network, criteria, guidelines.

DAN-89  
Danner, B.P.  

Key Words: design, policy, case, hardware.

DAV-80  
Davida, G.I., R.A. DeMillo, and R.J. Lipton  

Key Words: crypto, keys, methods, management.

DAV-81  
Davies, D.W.  

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

DAV-83  
Davies, D.W.  

Key Words: RSA, crypto, methods, EM, authentication.

DAV-84  
Davies, D.W., and W.L. Price  

Key Words: book, networks, general.

DAV-84a  
Davio, M., et al.  

Key Words: DES, crypto, hardware.

DAV-84b  
Davies, D.W.  

Key Words: crypto, authentication, signatures, methods.

DAV-84c  
Davies, D.W.  

Key Words: crypto, authentication, signatures, methods.

DAV-85  
Davies, D.W.  

Key Words: design, methods.

DAV-88  
Davida, G.I., and Y. Desmedt  

Key Words: authentication, crypto, methods.

DAV-89  
Davis, R.  

Key Words: authentication, methods.

DAV-89a  
Davies, D.W., and W. L Price  

Key Words: book, network, crypto, techniques, general.

DAV-89b  
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Key Words: standards, case.

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SMI-87
Smith, M.K.

Key Words: crypto, design, case.

SMI-88
Smid, M.E., and D.K. Branstad

Key Words: DES, crypto, general.

SMI-88a
Smid, M., et al.

Key Words: authentication, design, methods, requirements.

SMI-89
Smid, M., J. Dray, and R. Warnar

Key Words: network, control, case.

SMI-89a
Smid, J.M.

Key Words: crypto, design, methods.

SNA-88
Snare, J.

Key Words: network, case.

SOR-83
Sorkin, A.

Key Words: requirements, case.

SOR-84
Sorkin, A., and J.C. Buchanan

Key Words: crypto, design, methods.

STO-89
Stoneburner, G.R., and D.A. Snow

Key Words: MLS, LAN, design, case.

TAT-87
Tater, G.L.

Key Words: network, design, case.

TAT-89
Tatebayashi, M., N.Matsuzaki, and D.B. Newman

Key Words: crypto, protocols, key.

TEN-86
Tener, w.T.

Key Words: general, network, case.
TUR-80  
Turn, R.  
Key Words: crypto, general.

VAN-85  
Vandewalle, J. et al.  
Key Words: EM, crypto, public key.

VAN-87  
vaneurck, P.  
Key Words: network, methods, case.

VAN-88  
vander 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.  
Key Words: verification, protocols.

VOY-83  
Voydock, V., and S.T. Kent  
Key Words: methods, general.

VOY-85a  
Voydock, V.L., and S.T. Kent  
Key Words: network, protocols.

WAL-85  
Walker, S.T.  
Key Words: network, general.

WAL-89  
Walker, S.T.  
Key Words: network, general.

WIL-80  
Williams, H.C.  
Key Words: RSA, crypto, design.
WIT-88
Witten, I.H. and J.G. Cleary
Key Words: methods, case, techniques.

WON-85
Wong, R.M., T.A. Berson, and R.J. Feiertag
Key Words: authentication, case.

WON-89
Wong, R.M.
Key Words: methods, network.

WOO-81
Wood, C.C.
Key Words: crypto, general.

WOO-82
Wood, C.C.
Key Words: crypto, general.

WOO-83
Wood, H.M., and I.W. Cotton
Key Words: methods, general.

WOO-89
Wood, C.C.
Key Words: methods, design.

WOO-89a
Woodfield, N.K.
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

Key Words: policy, research.

ADA-87
Adams, C.M.

Key Words: evaluation, public-key.

ADL-82
Adleman, L.M.

Key Words: analysis, knapsack.

ADL-82a
Adleman, L.M.

Key Words: signatures, design.

ADL-83
Adleman, L.M.

Key Words: analysis, knapsack.

AGN-87
Agnew, G.B.

Key Words: random, techniques.

AGN-88
Agnew, G.B., R.C. Mullin, and S.A. Vanstone

Key Words: methods, protocols.

AHI-87
Ahituv, N., Y. Lapid, and S. Neumann

Key Words: techniques.

AKL-82
Akl, S.G.

Key Words: signatures, methods.

AKL-83
Akl, S.G.

Key Words: analysis, codes.

AKL-83a
Akl, S.G.

Key Words: signatures, general.

AKL-84
Akl, S.G., and H. Meijer

Key Words: random, techniques.

ALP-83
Alpern, B., and B. Schneider

Key Words: keys, techniques.
AMI-81
Amirazizi, H.R., E.D. Karmin, and J.M. Reyneri

Key Words: analysis, knapsack.

AND-82
Andelman, D., and J. Reeds

Key Words: analysis, hardware.

ASM-83
Asmuth, C., and J. Blum

Key Words: methods, keys.

AVA-88
Avarne, S.

Key Words: threats, methods.

AYO-83
Ayoub, F.

Key Words: methods, design.

BAL-85
Baldwin, R.W., and W.C. Gramlich

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

Key Words: book, techniques, methods, general.

BEL-89
Bellare, M., and S. Goldwasser

Key Words: signatures, methods.

BEN-84
Bennet, C.H., and G. Brassard

Key Words: techniques, methods.

BEN-85
Bennet, C.H., G. Brassard, and J.M. Robert

Key Words: methods, theory.

BEN-86
Benaloh, J.C.

Key Words: methods, protocols.

BEN-86a
Benaloh, J.C.

Key Words: methods, protocols.

BEN-87
Bennett, J.

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:

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. Itoh
"Algorithm Engineering for
Public Key Algoritms," 
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.
"Perfect Zero-Knowledge
Identification Scheme for Smart
Cards," Proc. Eurocrypt '88,
Davos, 1988, (8: GUN-89),
pp. 77-84.

Key Words: authentication,
zer0.

BEU-87
Beutelspacher, A.
"Perfect and Essentially
Perfect Authentication
Schemes," Proc. Eurocrypt
'87, Amserdam, 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:

Key Words: methods, keys.

BLA-80a
Blakely, G.R.
"Safeguarding Cryptographic
Symp. Sec. & Priv., (5: IEE-

Key Words: methods, keys.
BLA-86
Blakely, G.R., and R.D. Dixon

Key Words: methods, theory.

BLA-87
Blakely, G.R., and W. Rundell

Key Words: models, methods.

BLO-82
Blom, R.

Key Words: keys, management.

BLO-84
Blom, R.

Key Words: methods, theory.

BLO-84a
Blom, R.

Key Words: keys, theory.

BLU-82
Blum, M.

Key Words: protocols, case.

BLU-83
Blum, M.

Key Words: protocols, keys.

BLU-84
Blum, M., and S. Micali

Key Words: methods, random.

BLU-84a
Blum, M., and S. Goldwasser

Key Words: algorithm, zero.

BOO-85
Book, R.V., and F. Otto

Key Words: verification, protocols.

BRA-81
Brassard, G.

Key Words: methods, design.

BRA-82
Brassard, G.

Key Words: authentication, keys.

BRA-83
Brassard, G.

Key Words: complexity, theory.

BRA-83a
Brassard, G.

Key Words: methods, general.

BRA-86
Brassard, G., and C. Crepeau

Key Words: protocols, zero.

BRA-86a
Brassard, G., C. Crepeau, and J.-M. Robert

Key Words: methods, theory.

BRA-88
Brandt, J., I.B. Damgard, and P. Landrock

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",
Key Words: proceedings, general.

BRI-82
Brickell, E.F.
Key Words: RSA, techniques.

BRI-82a
Brickell, E.F., J.A. Davis, and G.J. Simmons
Key Words: analysis, knapsack.

BRI-83
Brickell, E.F.
Key Words: analysis, knapsack.

BRI-83a
Brickell, E.F., and G.J. Simmons
Key Words: analysis, knapsack.

BRI-84
Brickell, E.F.
Key Words: authentication, methods, theory.

BRI-84a
Brickell, E.F.
Key Words: analysis, knapsack.

BRI-85
Brickell, E.F., and J.M. DeLaurentis
Key Words: analysis, signatures.

BRI-86
Brickell, E.F., J.H. Moore, and M.R. Purtil
Key Words: DES, analysis.

BRI-87
Brickell, E.F.
Key Words: methods, theory.

BRI-87a
Brickell, E.F., et al.
Key Words: verification, methods.

BRI-87b
Brickell, E.F., P.J. Lee, and Y. Yacobi
Key Words: techniques, design.

BRI-88
Brickell, E.F., and A.M. Odlyzko
Key Words: analysis, methods.

BRI-88a
Brickell, E.F., and D.R. Stinson
Key Words: authentication, codes.

BRI-89
Brickell, E.F., and D.M. Davenport
Key Words: methods, theory.

BUC-82
Buck, R.C.
Key Words: policy, research.
BUC-88
Buchmann, J., and H.C. Williams

Key Words: methods, keys, theory.

BUC-89
Buchmann, J.A., and H.C. Williams

Key Words: methods, keys, theory.

CAR-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.

CAR-86

Key Words: DES, evaluation.

CAR-87
Carroll, J.M., and L. Robbins

Key Words: analysis, methods.

CAR-88
Carroll, J.M., and L.E. Robbins

Key Words: DES, evaluation.

CAR-89
Carroll, J.M., and L.E. Robbins

Key Words: DES, evaluation.

CHA-81
Chaum, D.L.

Key Words: methods, protocols.

CHA-82
Chaum, D.

Key Words: signatures, theory.

CHA-83

Key Words: proceedings, general.

CHA-84

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.

Key Words: techniques, theory.

CHA-86
Chaum, D., and J-H. Evertse

Key Words: protocols, design.

CHA-86a
Chaum, D.

Key Words: protocol, theory, zero.

CHA-86b

Key Words: protocol, theory, zero.
CHA-87

Key Words: protocols, theory.

CHA-87a
Chaum, D.

Key Words: signatures, methods.

CHA-87b
Chaum, D., J.-H. Evertse, and J. van de Graaf

Key Words: protocols, theory.

CHA-88
Chaum, D., and W.L. Price (Eds.)

Key Words: proceedings, general.

CHA-88a
Chaum, D.

Key Words: protocols, theory.

CHA-88b
Chaum, D.
"Elections with Unconditionally Secret Ballots and Disruption Equivalent to Breaking RSA."

Key Words: RSA, protocols.

CHA-89
Chaum, D.

Key Words: signatures, methods.

CHA-89a
Chaum, D.

Key Words: protocols, theory.

CHO-88
Chor, B., and R.L. Rivest

Key Words: methods, knapsack, theory, public-key.

CHO-89
Chor, B., and E. Kushilevitz

Key Words: methods, theory.

CLI-84

Key Words: policy, research.

COH-85
Cohen, J., and M. Fischer

Key Words: methods, protocols.

COO-80
Cooper, R.H.

Key Words: algorithms, theory.

COO-84
Cooper, R.H., W. Hyslop, and W. Patterson

Key Words: methods, theory.
COP-84
Coppersmith, D.

Key Words: analysis, methods.

COP-85
Coppersmith, D.

Key Words: threats, protocols.

COP-87
Coppersmith, D.

Key Words: methods, general.

COS-81
Costas, J.P.

Key Words: methods, hardware.

CRE-85
Crepeau, C.

Key Words: methods, protocols.

CRE-87
Crepeau, C.

Key Words: oblivious, theory.

DAV-80
Davies, D.W., W.L. Price, and G.J. Parkin

Key Words: evaluation, public-key.

DAV-80a
Davies, D.W., and D.A. Bell

Key Words: techniques, case.

DAV-82
Davies, D.W.

Key Words: DES, analysis.

DAV-82a
Davies, D.W., and G.I.P. Parkin

Key Words: DES, analysis.

DAV-82b
Davida, G.I., and Y.Yeh

Key Words: algorithms, theory.

DAV-83
Davies, D.W.

Key Words: signatuers, methods.

DAV-83a
Davis, J.A., and D.B. Holdridge

Key Words: analysis, techniques.

DAV-83b
Davio, M., et al.,

Key Words: DES, analysis, methods.

DAV-84
Davio, M., Y. Desmedt, and J.-J. Quisquater

Key Words: DES, analysis.

DAV-84a
Davis, J.A., D.B. Holdridge, and G.J. Simmons

Key Words: RSA, analysis, methods.

DAV-87
Davida, G.I., and G.G. Walter

Key Words: methods, public-key.
DAV-87a
David, G.I. and B.J. Matt

Key Words: signatures, methods.

DAV-87b
David, G.I. and F.B. Dansc
Crypto '87, Santa Barbara,

Key Words: methods, design.

DAV-88
Davis, J.A. and
D.B. Holdridge
"Factorization of Large
Integers on a Massively
Eurocrypt '88, Davos, 1988,

Key Words: analysis, techniques.

DEA-87
Deavours, C.A.,
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and Tomorrow, Artech

Key Words: book, general.

DEA-89
Deavours, C.A., et al. (Eds.)
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History, and Methods, Artech

Key Words: book, general.

DEJ-85
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"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
deJonge, 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 Cryptoalgorithm,"
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,
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,

Key Words: protocols, general.

DEM-83
"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

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.,
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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-
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."

Key Words: DES, design, analysis.

DES-85
Desmedt, Y.
"Unconditionally Secure Authentication Schemes and Practical and Theoretical Consequences."

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."

Key Words: RSA, analysis, threats.

DES-86
Desmedt, Y., and J-J. Quisquater
"Public-Key Systems Based on the Difficulty of Tampering."

Key Words: public-key, design.

DES-86a
Desmedt, Y.
"Is There A Ultimate Use of Cryptography?"

Key Words: policy, general.

DES-87
De Santis, A., S. Micali, and G. Persiano
"Non-Interactive Zero-Knowledge Proof Systems."

Key Words: theory, zero.

DES-87a
Desmedt, Y.G., et al.
"Special Uses and Abuses of the Fiat-Shamir Passport Protocol."

Key Words: threats, protocols.

DES-87b
Desmedt, Y.G.
"Society and Group Oriented Cryptography: A New Concept."

Key Words: policy, methods.

DES-88
Desmedt, Y.G.
"Subliminal-Free Authentication and Signature."

Key Words: authentication, methods.

DES-88a
De Soete, M.
"Some Constructions for Authentication-Secret Codes."

Key Words: authentication, codes.

DES-89
Desmedt, Y.G.
"Making Conditionally Secure Cryptosystems Unconditionally Abuse-Free in a General Context."

Key Words: methods, design.

DIF-81
Diffie, W.
"Cryptography Technology: Fifteen Year Forecast."

Key Words: methods, general.

DIF-88
Diffie, W.
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Key Words: public-key, methods.

DOL-81
Dolev, D., A.C. Yao
"On the Security of Public Key Protocols."

Key Words: analysis, public-key.

DOL-82
Dolev, D., and A. Wigderson

Key Words: analysis, protocols.

DOL-82a
Dolev, D., S. Even, and R.M. Karp
"On the Security of Ping-Pong Algorithms."

Key Words: analysis, algorithms.

DOL-83
Dolev, D., and A.C. Yao
"On the Security of Public-key Protocols."

Key Words: analysis, protocols.
EIE-83
Eier, R., and H. Lagger
Key Words: analysis, knapsack.

ELG-82
ElGamal, T.
Key Words: methods, signatures.

ELG-85
ElGamal, T.
Key Words: methods, signatures.

ELK-83
El-Kateeb, A., and S. Al-Khayatt
Key Words: publi-key, general.

ESC-84
Escobar, C.B.
Key Words: policy, research.

EST-85
Estes, D., et al.
Key Words: analysis, signatures.

EVE-82
Even, S., O. Goldreich, and A. Lempel
Key Words: signatures, random, protocols.

EVE-85
Even, S., O. Goldreich, and A. Shamir
Key Words: RSA, analysis, protocols.

EVE-85a
Even, S., and O. Goldreich
Key Words: evaluation, methods.

EVE-85b
Even, S., O. Goldreich, and A. Lempel
Key Words: signatures, random.

EVE-87
Evertse, J.-H.
Key Words: analysis, methods.

EVE-89
Even, S., O. Goldreich, and S. Micali
Key Words: signatures, methods.

FAM-83
Fam, B.W.
Key Words: methods, keys.

FEI-85
Feigenbaum, J.
Key Words: methods, theory.

FEI-88
Feige, U., A. Fiat, and A. Shamir
Key Words: authentication, zero.

FEL-85
Fell, H., and W. Diffie
Key Words: analysis, public-key.
FEL-85
Feldman, P.
Key Words: methods, protocols.

FIA-86
Fiat, A., and A. Shamir
Key Words: signatures, methods.

FIS-81
Fischer, E.
Key Words: evaluation, methods.

FOR-84
Fortune, S.
Key Words: protocols, case.

FOS-82
Foster, C.C.
Key Words: book, PC, methods.

GAL-85
Galil, Z., S. Haber, and M. Yung
Key Words: public-key, methods.

GAL-85a
Galil, Z., S. Haber, and M. Yung
Key Words: evaluation, public-key.

GEO-89
Georgi, G.
Key Words: methods, techniques.

GER-82
Gersho, A. (Ed.)
Key Words: proceedings, methods.

GIF-82
Gifford, D.K.
Key Words: authentication, methods.

GIR-88
Girault, M., R. Cohen, and M. Campana
Key Words: analysis, threat.

GOD-85
Godlewski, P., and G.D. Cohen
Key Words: methods, codes.

GOL-82
Goldwasser, S., S. Micali, and A. Yao
Key Words: signatures.

GOL-82a
Goldwasser, S., and S. Micali
Key Words: methods, protocols.

GOL-82b
Goldwasser, S., S. Micali, and P. Tong
Key Words: methods, codes.

8-12
GOL-83
Goldreich, O.

Key Words: signatures, protocols.

GOL-83a
Goldwasser, S., S. Micali, and A. Yao

Key Words: methods, signatures.

GOL-84
Goldreich, O., S. Goldwasser, and S. Micali

Key Words: methods, random.

GOL-84a
Goldreich, O.

Key Words: methods, protocols.

GOL-84b
Goldwasser, S., and S. Micali

Key Words: methods, theory.

GOL-85
Goldwasser, S., S. Micali, and R.L. Rivest

Key Words: signatures, theory.

GOL-86
Goldreich, O.

Key Words: analysis, signatures.

GOL-86a
Goldreich, O., S. Micali, and A. Wigderson

Key Words: protocols, zero.

GOL-86b
Goldreich, O.

Key Words: software, theory.

GOL-87
Goldreich, O.

Key Words: theory, software.

GOL-87a
Goldreich, O., and R. Vainish

Key Words: methods, protocols.

GOL-89
Goldwasser, S., et al.

Key Words: authentication, methods.

GOU-84
Goodman, R.M.F., and A.J. McAuley

Key Words: public-key, knapsack.

GOR-81
Gordon, J.A.

Key Words: methods, design.

GRO-84
Grosset, H.

Key Words: analysis, methods.

GUA-87
Guam, P.

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 '86, Davos, 1986, (8: GUN-
89), pp. 123-128.

Key Words: design protocols, zero.

GUI-89
Guillou, L., et al.
"Public-Key Techniques: Randomness and

Key Words: public-key, random

GUN-88
Gunther, C.G.
"A Universal Algorithm for Homophonic Coding," Proc.

Key Words: algorithms, coding.

GUN-89
Gunther, 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
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"Secret Sharing Systems in Digital Communications," in
Longo, G. (Ed.), Secure Digital Systems, Springer,

Key Words: techniques, design.

HAR-84
Harari, S.
"Non-Linear Non-Commutative Functions for
Data Integrity," Proc.

Key Words: integrity, theory.

HAR-89
Harari, L., and T. Keisler
"Two New Efficient Cryptosystems Based on
Rabin's Scheme: Alternatives to the RSA Cryptosystem,"
Proc. 5th Security Applicat.

Key Words: methods, public-
key.

HEL-80
Hellman, M.E.
"A Cryptoanalytic Time-
Memory Tradeoff," IEEE
Trans. on Inform. Theory,

Key Words: analysis, design.

HEL-81
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Key Words: analysis, methods.

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J.M. Reyneri
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Key Words: DES, design, methods.

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Key Words: algorithm, knapsack.

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Key Words: book, general.

HER-83
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308.

Key Words: complexity, methods.

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Key Words: vulnerabilities,
algorithms, check-sum.

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Key Words: methods, zero.
Key Words: authentication, trap-door, methods.

ING-82
Ingemarsson, I., and C.K. Wong

Key Words: methods, keys, case.

JAM-86
James, N.S., R. Lidl, and H. Niederreiter

Key Words: analysis, case.

JAM-88
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Key Words: RSA, analysis, threats.

JAN-87
Jansen, C.J.A., and D.E. Boekee

Key Words: therats, methods, algorithms.

JUE-83
Jueneman, R.R., S.M. Matyas, and C.H. Meyer

Key Words: authentication, codes.

JUE-86
Juenemam, R.R.

Key Words: methods, codes, threats.

JUR-83
Jurgensen, H., and D.E. Matilda

Key Words: analysis, theory, design.

KAH-80
Kahn, D.

Key Words: public-key, general.

KAH-82
Kahn, D.

Key Words: methods, general.

KAH-84
Kahn, D.

Key Words: book, general.
KAH-84a
Kahn, D.

Key Words: methods, general.

KAK-83
Kak, S.C.

Key Words: methods, codes.

KAK-84
Kak, S.C.

Key Words: methods, keys.

KAL-84
Kaliski, B.S.

Key Words:

KAL-85
Kaliski, B.S., Jr, R.L. Rivest, and A.T. Sherman

Key Words: DES, design, theory.

KAL-85a
Kaliski, B.S. Jr, R.L. Rivest and A.T. Sherman

Key Words: DES, design, theory.

KAR-83
Karmi, E.D., et al.

Key Words: methods, general.

KAR-84
Karmi, E.D.

Key Words: algorithm, knapsack.

KES-88
Kesim, S.N.

Key Words: methods, general.

KOB-87
Koblitz, N.

Key Words: methods, theory.

KOB-87a
Koblitz, N.

Key Words: methods, theory.

KON-81
Konheim, A.G.

Key Words: book, general.

KON-84
Konheim, A.G.

Key Words: analysis, method, case.

KOT-84
Kothari, S.C.

Key Words: methods, theory.

KOY-87
Koyama, K., and K. Ohta

Key Words: methods, keys.

KOY-88
Koyama, K., and K. Ohta

Key Words: methods, keys.

KRA-86
Kranakis, E.

Key Words: book, general.
KUR-88
Kurosawa, K., T. Ito, and M. Takeuchi

Key Words: methods, public-key.

LAG-83
Lagarias, J.C.

Key Words: public-key, knapsack.

LAI-89
Laih, C.-S., et al.

Key Words: methods, knapsack.

LAK-83
Laksimivaranah, S.

Key Words: public-key, methods.

LAM-81
Lamport, L.

Key Words: authentication.

LEE-88
Lee, P.J., and E.F. Brickell

Key Words: analysis, public-key.

LEI-84
Leighton, A.C., and S.M. Matyas

Key Words: methods, general.

LEN-81
Lennon, R.E., et al.

Key Words: authentication.

LEU-84
Leung, A.K.

Key Words: methods, complexity.

LEV-85
Levin, L.

Key Words: Methods, one-way.

LEV-87
Levine, J., and R. Chandler

Key Words: methods, theory.

LID-83
Lidl, R., and W.B. Muller

Key Words: RSA, methods, theory.

LID-84
Lidl, R.

Key Words: methods, theory.

LON-82
Longpré, L.

Key Words: signatures, public-key.

LUB-87
Luby, M., and C. Rackoff

Key Words: methods, general.

MAD-84
Madryga, W.E.

Key Words: methods, algorithm.

MAG-89
Magliveras, S.S., and N.D. Memon

Key Words: methods, theory, case.
MAS-84
Massey, J.L., and
R.A. Rueppel
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Key Words: methods, theory, general.

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key.

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Key Words: methods, keys, case.

MCE-81
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D.V. Sarwate
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Reed-Solomon Codes," Communications of the ACM,
Key Words: theory, codes.

MEA-87
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D. Mutchler
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Absence of a Continuously
Available Trusted Authority," IEEE Trans. on Software
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Key Words: methods, protocols.

MEA-88
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Key Words: methods, keys.

MEI-82
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Key Words: methods, signatures.

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Key Words: methods, algorithms.

MEI-88
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O. Staffelbach
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Key Words: analysis, methods.

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O. Staffelbach
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Key Words: analysis, methods.

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Key Words: protocols, public-
key.

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Encryptions," Communications
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Key Words: analysis, methods.

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Key Words: methods, keys, design.

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Key Words: book, public-key.

MER-87
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a Conventional Encryption
Function," Proc. Crypto '87,
Key Words: methods, signatures.
MER-89
Merkle, R.C.

Key Words: signatures, case.

MER-89a
Merkle, R.C.

Key Words: DES, methods, design.

MEY-82
Meyer, C.H., and S.M. Matyas

Key Words: book, general, theory, methods, keys.

MIC-86
Micali, S., et al.

Key Words: methods, theory.

MIC-89
Micali, S.

Key Words: signatures, theory.

MIL-85
Miller, V.S.

Key Words: methods, theory.

MOO-85
Moore, T.E., and S.E. Tavares

Key Words: methods, design, case.

MOO-86
Moore, J.H., and G.J. Simmons

Key Words: DES, analysis, design.

MOO-87
Moore, J.H., and G.J. Simmons

Key Words: DES, analysis, design.

MOR-81
Morrison, D.R.

Key Words: DES, methods, case.

MUL-84
Mullin, A.A.

Key Words: public-key, theory.

NIE-85
Niederreiter, H.

Key Words: methods, public-key.

OCO-87
O'Connor, L.J. and J. Seberry

Key Words: book, knapsack, analysis, theory.

ODL-84
Odlyzko, A.M.

Key Words: analysis, knapsack, signatures.

ODL-84a
Odlyzko, A.M.

Key Words: methods, theory.

ODL-87
Odlyzko, A.M., (Ed.)

Key Words: proceedings, general.
OKA-85
Okamoto, T., and A. Shiraishi
Key Words: methods, signatures.

OKA-85a
Okamoto, T.
Key Words: methods, signatures.

OKA-86
Okamoto, E., and K. Ohta
Key Words: methods, zero, design.

OKA-87
Okamoto, E.
Key Words: methods, keys.

OKA-88
Okamoto, E.
Key Words: methods, keys, design.

OKA-88a
Okamoto, T.
Key Words: methods, signatures.

OKA-89
Okamoto, E., and K. Ohta
Key Words: methods, zero, design.

ONG-83
Ong, H., and C.P. Schorr
Key Words: methods, signatures.

ONG-84
Ong, H., C. Schnorr, and A. Shamir
Key Words: methods, signatures.

PFI-87
Pfitzmann and M. Waidner
Key Words: methods, case.

PIC-86
Pichler, F. (Ed.)
Key Words: proceedings, general.

PIE-84
Pieprzyk, J.P.
Key Words: algorithms, theory.

PIE-85
Pieprzyk, J.P.
Key Words: methods, public-key.

PIE-85a
Pieprzyk, J.P., D.A. Rutowski
Key Words: methods, design.
PIE-85b
Pieprzyk, J.P.,
D.A. Rutkowski
"Design of Public Key
Cryptosystems Using
Idempotent Elements,"
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Key Words: design, public-
key.

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POE-85
Poet, R.
"The Design of Special-
Purpose Hardware to Factor
Large Integers," Computer
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Key Words: analysis,
hardware.

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Pomerance, C., et al.,
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86.
Key Words: analysis,
algorithms.

POF-89
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Key Words: methods, theory.

POR-84
Porter, S.
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Sequences: Pseudorandom,
Random, and Perfectly
Random," Computers &
43-44.
Key Words: algorithms,
theory.

PRE-89
Preneel, B., et al.
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Checksum Algorithm of
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Key Words: analysis,
checksum.

PRO-84
Proctor, N.
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Cascaded Cipher System with
Dynamic Control of Error
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Key Words: methods, design.

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Scheme with <48-Bit
Keys?)", Proc. Crypto '85,
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Key Words: DES, methods,
design.

QUI-87
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Key Words: public-key, keys.

QUI-89
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Search? New Results and
Applications to DES," Proc.
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Key Words: DES, methods,
design.

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Key Words: verification,
signature.

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Key Words: proceedings,
general.

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Rao, T.R.N.
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Correction Schemes," Proc.,
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Key Words: methods, codes.

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Cryptosystems," Proc. Crypto
'86, Santa Barbara, CA, 1986,
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Key Words: methods, codes.
RAO-87
Rao, T.R.N.
Key Words: analysis, methods, case.

RAO-89
Rao, T.R.N., and K.H. Nam
Key Words: methods, codes.

REE-84
Reeds, J.A., and J. Manferdelli
Key Words: DES, analysis, design.

RIT-81
Ritts, R.R.
Key Words: methods, theory.

RIV-82
Rivest, R.L., and A.T. Sherman
Key Words: methods, design, random.

RIV-84
Rivest, R.L., and A. Shamir
Key Words: analysis, threat, methods.

RUB-81
Rubin, F.
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.
Key Words: book, analysis, design.

RUE-88
Rueppel, R.
Key Words: methods, keys.

RUG-84
Ruggiu, G.
Key Words: methods, complexity.

SAL-88
Salomaa, A.
Key Words: methods, theory.

SCH-84
Schnorr, C.P., and W. Alexi
Key Words: RSA, analysis, theory.

SEB-89
Seberry, J., and J. Pieprzyk
Key Words: book, general.

SGA-83
Sgarro, A.
Key Words: methods, analysis, theory.

SGA-84
Sgarro, A.
Key Words: methods, theory.

SHA-80
Shamir, A.
Key Words: analysis, knapsack.
SHA-80
Shamir, A., and R.E. Zippel
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Merkle-Hellman
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Key Words: analysis, 
knapsack.

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and L. Adleman
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Key Words: methods, 
protocols.

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Computationally Strong 
Pseudo-Random Sequences," 
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Key Words: algorithms, 
random.

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Algorithm for Breaking the 
Basic Merkle-Hellman 
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Key Words: analysis, 
algorithms, knapsack.

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Cryptosystems and Signature 
Schemes," Proc. Crypto '84, 
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Key Words: methods, 
signatures.

SIE-84
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Nonlinear Combining 
Functions for Cryptographic 
Applications," IEEE Trans. of 
Inform. Theory, September 
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Key Words: algorithms, 
theory.

SIE-85
Siegenthaler, T.
"Decrypting a Class of Sream 
Ciphers Using Ciphertext 
Only," IEEE Trans. on 
81-85.

Key Words: analysis, 
methods.

SIM-80
Simmons, G.J.
"Secure Communications in 
the Presence of Pervasive 
Symp. Sec. & Privacy, (5: 
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Key Words: the rats, methods.

SIM-81
Simmons, G.J.
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or Access, User Authentication 
and Identification," Proc. 
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31-37.

Key Words: authentication.

SIM-81a
Simmons, G.J.
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None: Some Novel Message 
Integrity Problems," Proc. 
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Privacy, (5: IEEE-81), pp. 65-
69.

Key Words: authentication.

SIM-82
Simmons, G.J., and 
D. Holdridge
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Cryptanalytic Tool Against 
Public Key Privacy Channel," 
117-128.

Key Words: analysis, public
key.

SIM-82a
Simmons, G.J.
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Digital Message 
Authentication," Congressus 
Numerantium, 1982, pp. 413-
424.

Key Words: authentication, 
models.

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the Subliminal Channel," Proc. 
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51-67.

Key Words: analysis, methods.

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Simmons, G.J.
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Compliance Revisited," Proc. 
1983 IEEE Symp. Sec. & 
Privacy, (5: IEE-83a), pp. 61-
66.

Key Words: verification, 
methods.

SIM-84
Simmons, G.J.
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Theory," Proc. Crypto '84, 
Santa Barbara, CA, 1984, (8: 
BLA-84a), pp. 411-431.

Key Words: authentication, 
codes, theory.
SIM-84a
Simmons, G.J.

Key Words: theory, signatures

SIM-84b
Simmons, G.J.

Key Words: models, authentication.

SIM-85
Simmons, G.J.

Key Words: methods, theory.

SIM-86
Simmons, G.J.

Key Words: methods, general.

SIM-87
Simmons, G.J.

Key Words: authentication, case.

SIM-87a
Simmons, G.J.

Key Words: authentication, theory.

SIM-88
Simmons, G.J.

Key Words: authentication, codes.

SIM-88a
Simmons, G.J.

Key Words: methods, protocols.

SIM-88b
Simmons, G.J., and G.B. Purdy

Key Words: protocols, zero.

SIM-89
Simmons, G.J.

Key Words: methods, protocols.

SIM-89a
Simmons, G.J.

Key Words: methods, protocols.

SLO-82
Sloane, N.J.A.

Key Words: methods, codes.

SLO-82a
Sloane, N.J.A.

Key Words: methods, codes.

SME-84
Smeets, B.J.M.

Key Words: methods, design.

SME-85
Smeets, B.

Key Words: analysis, public-key.

SPE-83
Spencer, M.E., and S.E. Tavares

Key Words: methods, case.
STI-87
Sünn, D.R., and S.A. Vanstone

Key Words: methods, keys.

STI-87a
Sünn, D.R.

Key Words: authentication, theory, design, codes.

STI-88
Sünn, D.R.

Key Words: methods, design, case.

STI-88a
Sünn, D.R.

Key Words: authentication, codes, design, theory.

STR-87
Struik, R. and J. van Tilburg

Key Words: analysis, case.

TAN-87
Tanaka, H.

Key Words: methods, design.

TED-84
Tehrick, T.

Key Words: methods, protocols.

TOM-86
Tompa, M., and H. Woll

Key Words: methods, protocols.

TSU-89
Tsuiji, S., and T. Itoh

Key Words: methods, case.

VAL-88
Vanleee, B., et al.

Key Words: methods, analysis, case.

VAN-85
van Tilborg, J., and D.E. Boekee

Key Words: methods, keys, theory.

VAN-87
van de Graaff, J., and R. Peralta

Key Words: methods, public-key.

VAN-88
van Tilborg, J.

Key Words: book, general.

VAR-85
Varadharajan, V.

Key Words: RSA, theory, case.

VAR-85a
Varadharajan, V.

Key Words: methods, theory.

WAG-84
Wagner, N.R.

Key Words: methods, case.
WAG-84a
Wagner, N.

Key Words: methods, public-key.

WAG-85
Wagner, N.R., P.S. Putter, and M.R. Cain

Key Words: methods, keys.

WAG-86
Wagner, N.

Key Words: methods, random.

WEB-85
Webster, A.F., and S.E. Tavares

Key Words: DES, analysis, design.

WEI-83
Weingarten, F.W.

Key Words: policy, research.

WIL-80
Williams, H.C.

Key Words: RSA, methods, design.

WIL-82
Willett, M.

Key Words: methods, public-key.

WIL-84
Williams, H.C.

Key Words: methods, public-key.

WIL-85
Williams, H.C.

Key Words: methods, public-key.

WIL-86
Williams, H. (Ed.)

Key Words: proceedings, general.

WIN-82
Wintemitz, R.S.

Key Words: analysis, methods.

WIN-83
Wintemitz, R.S.

Key Words: DES, methods, design.

WIN-84
Wintemitz, R.S.

Key Words: DES, methods, design.

WIN-87
Wintemitz, 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.

Key Words: methods, case.

WUN-83
Wunderlich, M.C.

Key Words: analysis, methods, hardware.

WUN-83a
Wunderlich, M.C.

Key Words: analysis, algorithms.
YAC-89
Yacobi, Y., and Z. Shmuley
Key Words: methods, keys.

YAG-85
Yagisawa, M.
Key Words: methods, public-key.

YAM-86
Yamamoto, H.
Key Words: methods, protocols.

YAO-82
Yao, A.C.
Key Words: methods, theory.

YAO-82a
Yao, A.C.
Key Words: methods, protocols.

YAO-86
Yao, A.C.
Key Words: methods, protocols.

YUK-89
Yu, K.W., and T.L. Yu
Key Words: methods, algorithms.

YUN-84
Yung, M.
Key Words: methods, protocols.

ZHE-89
Zheng, Y., T. Matsumoto, and H. Imai
Key Words: methods, design.

ZOR-87
Zorbette, G.
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
Key Words: proceedings, general.

ABA-82a
Key Words: proceedings, general.

ABA-84
Abass, O.
Key Words: guidelines, foreign, laws.

ADA-84
Adams, J.M.
Key Words: TDF, policy, foreign.

ADL-85
Adler, A.
Key Words: FOI, PA, laws, use.

ALB-84
Albanese, S.
Key Words: laws, criminal, records, use.

ALL-83
Allen, F.A.
Key Words: analysis, general.

ASA-87
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.
Key Words: management, records.

AUE-85
Auerbach, I.L.
Key Words: management, records.

BAS-84
Basche, J.R., Jr.
Key Words: TDF, policy, foreign.
BAS-89
Bass, G., and D. Plocher
"Strengthening Federal Information Policy:
Key Words: policy, government.

BEC-84
Becker, J.
Information Technology and a New International Order,
Key Words: book, general.

BEE-84
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Key Words: proceedings, general.

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<td>COE-81a</td>
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<td>Council of Europe, Strasbourg, France, 1981.</td>
<td>protection, foreign medical, records..</td>
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CON-83b
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CON-86
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OTA-86
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<th>ATT-76</th>
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<td>Key Words: database, crypto.</td>
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<th>BEL-75</th>
<th>Bell, D.E., and L.J. LaPadula</th>
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<tr>
<td></td>
<td>Secure Computer Systems: Unified Exposition and Multics</td>
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<td>Interpretation, ESD-TR-75-306, Mitre Corp., Bedford, MA, 1975</td>
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<td>Key Words: policy, models, case.</td>
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<th>AND-73</th>
<th>Anderson, J.P.</th>
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<td>Computer Security</td>
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<td>Technology Planning Study, ESD-TR-73-51, James P.</td>
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<td>Key Words: policy, models, techniques.</td>
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<th>ATT-76</th>
<th>Attanassio, C., P. Markstein, and R. Phillips</th>
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<tr>
<td></td>
<td>&quot;Penetrating an Operating System: A Study of VM/370 Integrity,</td>
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<td>Key Words: OS, threats, case.</td>
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<th>BAY-76</th>
<th>Bayer, R., and J.K. Metzger</th>
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<td>&quot;On the Encipherment of Search Trees and Random Access Files,&quot;</td>
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<td></td>
<td>Key Words: database, crypto.</td>
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<th>BEL-73</th>
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<td>Secure Computer Systems: A Refinement of the Mathematical</td>
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<td></td>
<td>Key Words: policy, models.</td>
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<td></td>
<td>Key Words: policy, models, case.</td>
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BER-79

Key Words: OS, kernel, case.

BIB-77

Key Words: models, integrity.

CON-72

Key Words: OS, techniques.

DAV-78

Key Words: database, methods.

DEM-77

Key Words: threats, database.

DEM-78

Key Words: book, models, theory.

DEN-76

Key Words: models, flow.

DEN-77

Key Words: verification, flow.

DEN-78

Key Words: statistical, threats.

DEN-79

Key Words: databases, methods.

DEN-79a

Key Words: statistical, threats.

DOB-79

Key Words: databases, inference.

DOD-78

Key Words: proceedings, general.

DOD-79

Key Words: proceedings, trusted.

DOD-79a

Key Words: proceedings, general.

DON-75

Key Words: integrity, design.

DON-76

Key Words: integrity, methods, design.
DOW-77
Downs, D., and G.J. Popek

Key Words: DBMS, kernel, design.

DOW-79
Downs, D., and G.J. Popek

Key Words: DBMS, design, case.

EVA-74
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Key Words: authentication, techniques.

FAB-74
Fabry, R.,

Key Words: capability, methods.

FEI-79
Feiertag, R.J., K.N. Levitt, and L. Robinson

Key Words: MLS, verification, methods, design.

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Feiertag, R.J., and P.G. Neumann

Key Words: MLS, OS, design.

FRI-70
Friedman, T.D.

Key Words: authorization, databases, methods.

GLA-77
Glaseeman, S., R. Turn, and R.S. Gaines

Key Words: methods, risk.

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Gladney, H.M.

Key Words: management, control.

GOL-79
Gold, B.D., et al.

Key Words: MLS, OS, design, case.

GRA-72
Graham, G.S., and
P.J. Denning

Key Words: models, methods.

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Griffiths, P.P., and
B.W. Wade

Key Words: authorization, database, relational.

GUD-76
Gudes, E., H.S. Koch, and F.A. Stahl

Key Words: database, crypto.

HAN-76
Hantler, S.L., and J.C. King

Key Words: verification, general.

HAR-76
Harrison, M.A., W.L. Ruzzo, and J.D. Ullman

Key Words: models, theory.
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Key Words: models, theory.


Key Words: DBMS, design, case.

HOF-70 Hoffman, L.J., and W.F. Miller

Key Words: threats, statistical.

HOF-71 Hoffman, L.J.

Key Words: control, methods.

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Key Words: book, general.

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Key Words: book, methods.

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Key Words: risk, methods, case.

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Key Words: database, control.

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Key Words: methods, database.

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Key Words: book, general.

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Key Words: statistical, models.

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Key Words: book, methods, general.

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Key Words: control, capability.
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Comp. Conf., AFIPS Press,
Key Words: models, methods.

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Key Words: covert channel.

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Key Words: OS, threats, design.

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Key Words: methods, software.

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Key Words: control, case.

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Key Words: models, methods.

NEE-77
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Key Words: OS, methods, case.

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Key Words: OS, verification, methods, design.

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Key Words: threats, risk, methods.

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Key Words: control, auditing.

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Key Words: integrity, methods.

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Key Words: guidelines, methods.

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Key Words: OS, kernel, design.

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Key Words: OS, verification.

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Key Words: OS, design, case.

PUR-74
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Key Words: control, methods.

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Key Words: proceedings, models.
REI-78
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Key Words: statistical, methods.

RUD-78
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Key Words: control, methods.

SCH-72
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Key Words: control, hardware.

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Key Words: OS, methods, case.

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Key Words: OS, kernel, design.

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Key Words: threats, statistical.

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Key Words: DBMS, control, case.

VER-78
Verhofstad, J.S.M.

Key Words: database, recovery.

WAL-74
Walter, K.G. et al.

Key Words: MLS, models, theory.

WAR-67
Ware, W.H.

Key Words: policy, general.

WAR-67a
Ware, W.H.

Key Words: requirements, general.

WAR-70
Ware, W.H., (Ed.)

Key Words: policy, models, methods.
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D.R. Oesterreicher
"Design of a Message
Processing System for a
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Key Words: MLS, design, case.

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Key Words: methods, networks.

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Key Words: crypto, software.

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Key Words: crypto, design.

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Key Words: PC, network, crypto.

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Key Words: DES, analysis.

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Key Words: DES, crypto, keys.

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Key Words: crypto, design.

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Key Words: codes, network.

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Key Words: crypto, public-key.

Lempel, A.
Key Words: crypto, general.

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Key Words: crypto, design.

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Key Words: networks, design.

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Key Words: crypto, methods, keys.

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Key Words: crypto, methods.
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"Hiding Information and Signatures in Trapdoor
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Key Words: crypto, knapsack.

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Key Words: crypto, design.

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Key Words: DES, design.

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Key Words: crypto, public-key, design.

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Key Words: DES, crypto, general.

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Key Words: crypto, control, authentication.

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Key Words: OS, network, methods.

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Key Words: crypto, networks.

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Key Words: signatures, general.

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Key Words: crypto, methods.
D. Privacy

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Key Words: privacy, design.

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Key Words: Congress, privacy.

CON-74

Key Words: PA, privacy, laws.

CON-76

Key Words: Congress, PA, privacy.
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Key Words: privacy, foreign.

DUN-67  
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Key Words: privacy, threats, methods.

FLA-79  
Flaherty, D.H.,  

Key Words: book, privacy, foreign.

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Key Words: privacy, methods.

HAR-67  
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Key Words: privacy, awareness.

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Key Words: privacy, awareness.

HOF-69  
Hoffman, L.J.,  

Key Words: privacy, awareness.

HON-75  
Hondius, F.W.,  

Key Words: privacy, general.

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Key Words: privacy, policy, foreign, laws.

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Key Words: privacy, general, PA, policy, laws.

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Key Words: privacy, general, policy, foreign.

MAS-79  
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Key Words: privacy, general.
MIL-69
Miller, A.R.
Key Words: threats, privacy, policy, requirements.

MIL-71
Miller, A.
Key Words: book, privacy, policy, threats, laws.

MUR-72
Murray, J.A., (Ed.)
Key Words: proceedings, privacy, policy, foreign.

OEC-76
Key Words: proceedings, privacy, policy, foreign.

OEC-79
Key Words: proceedings, privacy, TDF, policy, foreign.

ONL-76
Key Words: proceedings, privacy, policy, foreign, laws.

ONL-78
Key Words: proceedings, TDF, privacy, foreign.

ROO-79
Rooms, P.L.P. and J.D. Rooms
Key Words: TDF, privacy, laws.

ROS-89
Rosenberg, J.M.
Key Words: book, privacy, threats.

SIE-76
Sieghart, P.
Key Words: book, privacy, general.

SMI-79
Smith, R.E.
Key Words: book, privacy, general.

STA-79
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Key Words: privacy, laws, foreign.

STE-79
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Key Words: privacy, laws, networks.

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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.
**BIBLIOGRAPHIC DATA SHEET**

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**
   Rein Turn Associates
   15239 Earlham St.
   Pacific Palisades, CA

7. **CONTRACT/GRANT NUMBER**
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8. **TYPE OF REPORT AND PERIOD COVERED**
   January 1980-October 1989

10. **SUPPLEMENTARY NOTES**
    DOCUMENT DESCRIBES A COMPUTER PROGRAM; SF-1B5, FIPS SOFTWARE SUMMARY, IS ATTACHED.

11. **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.

12. **KEY WORDS**
    access controls; auditing; communications security; computer crime; computer security; confidentiality; cryptography; disaster recovery; integrity; privacy; risk management; trusted computing base.

14. **NUMBER OF PRINTED PAGES**
    200

15. **PRICE**
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