

NBSIR 74-395

BIBLIOGRAPHY OF THE ELECTROMAGNETICS DIVISION

June 30, 1973 to June 30, 1974

Margaret L. Woolley
(Compiler)

Electromagnetics Division
Institute for Basic Standards
National Bureau of Standards
Boulder, Colorado 80302

November 1974

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U.S. DEPARTMENT OF COMMERCE, Frederick B. Dent, Secretary

NATIONAL BUREAU OF STANDARDS, Richard W. Roberts, Director

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INTRODUCTION

This bibliography lists the publications of the NBS Electromagnetics Division between June 30, 1973 and June 30, 1974. Documents accepted for publication but not yet published are also listed. All but 7 of the documents identified in the 1973 bibliography (June 30, 1972 to June 30, 1973) as "to be published" have now been published and are included in this report.

The documents in this bibliography can be categorized as follows:

NBS Monographs.....	3
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IMPEDANCE

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Engen, Glenn F.

IEEE Trans. Instrumentation & Measurement
Mar. 1974, Vol. IM-23, No. 1, 104-105

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A Metrology Guide

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June 1974, 195 pages

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A Dual Channel, Double Heterodyned Phase Shift Measurement
System 110 MHz to 18 GHz

Roe, K. C.

NBSIR 73-307

July 1973, 57 pages

Delay Line Measurements

Roe, K. C.

NBSIR 73-332

Aug. 3, 1973, 10 pages

POWER

Measurement of rf Power and Attenuation Using Superconducting
Quantum Interference Devices

Kamper, R. A., M. B. Simmonds, C. A. Hoer and R. T. Adair
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Aug. 1973, 93 pages

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Allred, C. M.
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Feb. 1974, 28 pages

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Weidman, M. P. and G. F. Engen
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Oct. 1973, 40 pages

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A Metrology Guide

Arthur, M. G.

NBS Monograph 142

June 1974, 188 pages

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Arthur, M. G.

NBSIR 74-365

May 1974, 21 pages

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Reeve, Gerome R.

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Oct. 1973, 71 + vi pages

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Wait, David F.

NBS Technical Note 640

Aug. 1973, 129 pages

Mismatch Considerations in Evaluating Amplifier Noise Performance

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Sept. 1973, Vol. IM-22, No. 3, 274-278

A Reference Noise Standard for Millimeter Waves

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Daywitt, W. C. and L. D. Driver

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Oct. 1973, 88 + vi pages

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Picosecond Pulse Generators Using Microminiature Mercury Switches

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NBSIR 74-377
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Test Procedures Handbook For Surveillance Receivers
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U.S. DEPT. OF COMM. BIBLIOGRAPHIC DATA SHEET	1. PUBLICATION OR REPORT NO. NBSIR 74-395	2. Gov't Accession No.	3. Recipient's Accession No.
4. TITLE AND SUBTITLE Bibliography of the Electromagnetics Division		5. Publication Date December 1974	
		6. Performing Organization Code	
7. AUTHOR(S) Margaret L. Woolley (Compiler)		8. Performing Organ. Report No.	
9. PERFORMING ORGANIZATION NAME AND ADDRESS NATIONAL BUREAU OF STANDARDS, Boulder Labs DEPARTMENT OF COMMERCE WASHINGTON, D.C. 20234		10. Project/Task/Work Unit No. 2769103	
		11. Contract/Grant No.	
12. Sponsoring Organization Name and Complete Address (Street, City, State, ZIP) Same as Item 9		13. Type of Report & Period Covered	
		14. Sponsoring Agency Code	
15. SUPPLEMENTARY NOTES			
16. ABSTRACT (A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here.) <p style="text-align: center;">This bibliography lists the publications of the NBS Electromagnetics Division between June 30, 1973 and June 30, 1974.</p>			
17. KEY WORDS (six to twelve entries; alphabetical order; capitalize only the first letter of the first key word unless a proper name; separated by semicolons) Antenna parameters; attenuation; automated measurements; EM Metrology; field strength; impedance; noise; phase; power; pulsed quantities; squids; transmission lines; waveform analysis; waveguides.			
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		20. SECURITY CLASS (THIS PAGE) UNCLASSIFIED	22. Price

