

PUBLICATIONS AND REPORTS

MEETING PAPERS PRESENTED

U. R. S. I. Meeting
April 22-23, 1952, Washington, D. C.

H. A. Haus: Transit Time Effects on Noise in Electron Streams with Velocity Spread

Conference on Electron Tube Research
June 16-17, 1952, Ottawa, Canada

H. A. Haus: Growing Waves in Electron Beams with Velocity Distribution

C. E. Muehe: Experimental Investigation of Microwave Noise in Electron Beams

H. E. Rowe: Calculation of Radial Mode Excitation in Accelerated, Non-parallel Electron Beams

L. D. Smullin: Comment on High-Power Traveling-Wave Tubes

Conference on Mechanical Translation
June 17-20, 1952, Massachusetts Institute of Technology
Cambridge, Massachusetts

Y. Bar-Hillel: Mechanical Translation with Post-Editor

Y. Bar-Hillel: Operational Syntax

W. N. Locke: Mechanical Translation of Printed and Spoken Material

Transistor Symposium
August 25, 1952, Cornell University, Ithaca, New York

S. J. Mason: Power Gain in Feedback Amplifiers

I. R. E. Western Electronic Convention
August 26-29, 1952, Long Beach, California

E. A. Guillemin: What is Network Synthesis?

JOURNAL ARTICLES ACCEPTED FOR PUBLICATION

Y. Bar-Hillel: A Quasi-Arithmetical Notation for Syntactic Description (Language)

J. R. Eshbach, M. W. P. Strandberg: Zeeman Effect Measurements on Microwave Spectra (R. S. I.)

J. M. Houston: The Slope of Logarithmic Plots of the Fowler-Nordheim Equation (Phys. Rev.)

M. J. Levin, J. F. Reintjes: A Five-Channel Electronic Analog Correlator (Proc. N. E. C.)

D. J. Rose, S. C. Brown: Methods of Measuring the Properties of Ionized Gases at High Frequencies. III. Measurement of Discharge Admittance and Electron Density (J. Appl. Phys.)

JOURNAL ARTICLES ACCEPTED FOR PUBLICATION (continued)

M. W. P. Strandberg: Centrifugal Distortion (Monograph on Microwave Spectroscopy, N. Y. Acad. Sci.)

LETTERS TO THE EDITOR ACCEPTED FOR PUBLICATION

V. Jaccarino, B. Bederson, H. H. Stroke: The Nuclear Spin and Magnetic Moment of $_{55}\text{Cs}^{134}$ (Phys. Rev.)

TECHNICAL REPORTS PUBLISHED

(The technical reports listed here may be obtained from the Document Office, 20-B-221, Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge 39, Massachusetts.)

- No. 217 S. Ikehara: A Method of Wiener in a Nonlinear Circuit
- No. 224 J. R. Eshbach, R. E. Hillger, M. W. P. Strandberg: The Nuclear Magnetic Moment of S^{33} from Microwave Spectroscopy
- No. 225 J. R. Eshbach, M. W. P. Strandberg: Zeeman-Effect Measurements on Microwave Spectra
- No. 234 W. B. Davenport, Jr.: Signal-to-Noise Ratios in Bandpass Limiters