Meeting Papers Presented

AIEE Winter General Meeting, New York, January 22-26, 1951.

R. M. Fano: Application of Special Functions to Network Synthesis


S. C. Brown: Recent Studies of Electron Collision Cross Sections at Low Energies

J. R. Eshbach, M. W. P. Strandberg: The Rotational Magnetic Moment of Polyatomic Molecules

B. V. Gokhale, M. W. P. Strandberg: Microwave Absorption Spectrum of Oxygen

R. E. Hillger, M. W. P. Strandberg: Centrifugal Distortion in Asymmetric $\Sigma$ Molecules II: HDS

H. R. Johnson, J. G. Ingersoll: Microwave Spectrum of Ketene

A. F. Kip, R. Malvano, C. F. Davis: The Paramagnetic Spectrum of Ammonium Chrome Alum

R. D. Maurer, M. A. Herlin: Pressure Variation of Second Sound Velocity in Helium II

M. Prince, M. A. Herlin: Magnetic Dipole Interactions in Crystals near Absolute Zero

H. E. Rorschach, Jr., M. A. Herlin: Resistance Minima in Metals

M. T. Weiss, M. W. P. Strandberg: The Microwave Spectra of Deutero-Ammonias


A. Bavelas: Some of the Effects of Communication Patterns on the Performance of Small Task Groups

Y. W. Lee, L. G. Kraft: Detection of Repetitive Signals in Noise by Correlation

S. J. Mason: Signal Flow Graphs

R. E. Scott: Network Synthesis by the Use of Potential Analogs
Journal Articles Accepted for Publication


Technical Reports Published

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

No. 148 W. B. Davenport, Jr.: A Study of Speech Probability Distributions

No. 160 H. E. Singleton: Theory of Nonlinear Transducers

No. 162 J. G. Truxal: Servomechanism Synthesis Through Pole-Zero Configurations

No. 163 J. G. Linvill: Amplifiers with Prescribed Frequency Characteristics and Arbitrary Bandwidths

No. 164 L. D. Smullin, W. G. Glass: The Offset Waveguide Junction as a Reactive Element

No. 170 L. A. Harris: Axially Symmetric Electron Beams and Magnetic Field-Systems

No. 181 Y. W. Lee: Application of Statistical Methods to Communication Problems