PUBLICATIONS AND REPORTS

Meeting Papers Presented


W. P. Allis: The Energy Distribution of Electrons in Electrodeless Discharges

S. C. Brown: Breakdown in Hydrogen at 100-Mc Frequency

D. J. Rose: Maintaining Electric Fields in a Steady-State Microwave Discharge

Conference on Applications of X-Ray Spectroscopy to Solid State Problems, University of Wisconsin, Madison, October 23-25, 1950


Conference on Neutron Physics, Brookhaven National Laboratory, Long Island City, New York, November 10-11, 1950

J. C. Slater: Radiation Damage to Materials


Journal Articles Accepted for Publication

A. Bavelas: Communication Patterns in Task-Oriented Groups (J. Acous. Soc. Am.)

F. Bitter, F. E. Reed: A New Type of Electromagnet (Rev. Sci. Instr.)


W. C. Dickinson: The Time Average Magnetic Field at the Nucleus in Nuclear Magnetic Resonance Experiments (Phys. Rev.)

G. W. King: Application of Automatic Computing Methods to Infrared Spectroscopy (International Business Machines Corporation)

L. G. Kraft: Correlation Function Analysis (J. Acous. Soc. Am.)


J. C. Slater: Note on Orthogonal Atomic Orbitals (J. Chem. Phys.)


O. H. Straus: The Relation of Phonetics and Linguistics to Communication Theory (J. Acous. Soc. Am.)


Letters to the Editor


G. W. King: Effect of Low Temperatures on Infrared Spectra (Nature)


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. 121 S. Goldman, W. F. Santelmann, Jr., Conger Williams, M.D., Fred Alexander, M.D.: Area Displays of the Electrical Activity of the Heart

No. 137 R. E. Scott: An Analog Device for Solving the Approximation Problem of Network Synthesis

No. 151 R. A. Rapuano: High-Frequency Ultrasonics II: 280 to 560 Mc/sec

No. 172 R. J. Harrison: The Quantum Theory of Antiferromagnetism

No. 173 E. E. David, Jr.: A New Method of Estimating Preoscillation Noise in a Pulsed Oscillator (Magnetron)

No. 176 F. Bitter, F. E. Reed: A New "Double Resonance" Method for the Investigation of Atomic and Nuclear Moments

No. 177 R. B. Lawrance, M. W. P. Strandberg: Centrifugal Distortion in Asymmetric Molecules I: $\text{H}_2\text{Cl}_2\text{O}$. 

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