

PUBLICATIONS AND REPORTS

MEETING PAPERS PRESENTED

Spectroscopy Symposium, University of Ohio, Columbus
June 14-18, 1954

D. Kivelson, Theory of the interaction of hindered internal rotation with over-all rotations.

Symposium on Vacuum Technology, Asbury Park, New Jersey
June 17, 1954

W. B. Nottingham, Design and properties of the M.I.T. modified Bayard-Alpert gauge.

Acoustical Society of America, New York
June 23-26, 1954

L. S. Frishkopf and W. A. Rosenblith, Neural responses to clicks: an analysis of masked and unmasked intensity functions.

AIEE-IRE Semiconductor Device Research Conference, University of Minnesota, Minneapolis, June 28-30, 1954

A. L. McWhorter and R. H. Kingston, Channels and excess current in grown junction diodes.

American Physical Society, Electronic Physics Division, University of Minnesota, Minneapolis, June 29, 1954

W. P. Allis, Electrical discharges in microwave cavities (invited paper).

Conference on the Physics of Ionized Gases, Birmingham, England
July 5-6, 1954

S. C. Brown, Low-energy electron collision cross sections in helium (courtesy of The Royal Society).

Gordon Research Conference on Instrumentation, New London, New Hampshire
July 27, 1954

P. Elias, Information theory.

Atomic Beam Conference, Brookhaven National Laboratory, Upton, L.I., New York
Aug. 18-19, 1954

R. T. Daly, Jr., Precision experiments with gallium.

C. L. Schwartz, The theory of nuclear octupole interactions.

H. H. Stroke, Hyperfine structure anomalies in cesium isotopes (invited paper).

Association of Teachers of Mathematics in New England, M.I.T., Cambridge
Aug. 20, 1954

C. M. Witcher, Teaching mathematics to the blind.

MEETING PAPERS PRESENTED (continued)

International URSI Meeting, Amsterdam
Aug. 23 - Sept. 2, 1954

P. Elias, Error-free coding.

International Mathematical Congress, Amsterdam
Sept. 2-9, 1954

F. M. Reza, Some geometrical properties of the root locus curve.

JOURNAL ARTICLES ACCEPTED FOR PUBLICATION

(Reprints of these and previous articles still in print are available from the Document Room, 20-B-221, Research Laboratory of Electronics, Massachusetts Institute of Technology, Cambridge 39, Massachusetts)

- E. J. Baghdady, Frequency-modulation rejection with narrow-band limiters (Proc. I. R. E.)
- Y. Bar-Hillel, Structural linguistics, logical syntax, and semantics (Language)
- F. Bitter, S. P. Davis, B. Richter, and J. E. R. Young, Optical studies of radioactive mercury (Phys. Rev.)
- L. Gould and S. C. Brown, Microwave determination of the probability of collision of electrons in helium (Phys. Rev.)
- W. Grattidge, A scale expander for a recording potentiometer (Rev. Sci. Instr.) (Laboratory and Shop Notes)
- M. Halle, The strategy of phonemics (Word)
- M. Halle, Why and how do we study the sounds of speech? (Report of Fifth Annual Round Table Meeting on Linguistics and Language Teaching)
- B. Howland, J. Y. Lettvin, W. S. McCulloch, W. H. Pitts, and P. D. Wall, Studies on the nature of reflex inhibition produced by the interaction of volleys running in neighboring dorsal roots (J. Neurophysiol.)
- J. G. King and V. Jaccarino, The hyperfine structure and nuclear moments of the stable bromine isotopes (Phys. Rev.)
- D. Kivelson, Theory of the interaction of hindered internal rotation with over-all rotations. I. Symmetric rotors: methyl silane (J. Chem. Phys.)
- D. H. Looney and S. C. Brown, The excitation of plasma oscillations (Phys. Rev.) (Technical Report No. 273)
- Carol D. Schatz, The role of context in the perception of stops (Language)
- P. A. Tate and M. W. P. Strandberg, A simple high temperature microwave spectrograph (Rev. Sci. Instr.)
- C. M. Witcher, Physics without sight (Physics Today)
- C. M. Witcher and L. Washington, Jr., Sonar for the blind? (Electronics)
- V. H. Yngve, The machine and the man (Mechanical Translation)
- V. H. Yngve, Mechanical translation (Science (Japan))