

PUBLICATIONS AND REPORTS

Meeting Papers

American Physical Society

January 27 - 29, 1949, New York, N. Y.

L. Tisza, M. J. Klein: "Critical Point Fluctuations".

April, 28 - 30, 1949, Washington, D. C.

M. A. Biondi and S. C. Brown: "Measurements of Positive Ion-Electron Recombination".

Institute of Radio Engineers

February 10, 1949, (Princeton Section)

L. B. Arguimbau, J. Granlund: "The Reduction of Common-Channel and Multipath Interference by Special FM Receiver Design".

March 7 - 10, 1949, (National Convention, New York, N. Y.)

Y. W. Lee, J. B. Wiesner, T. P. Cheatham, Jr., "Correlation Functions -- Their Experimental Measurement and Application in the Detection of Small Signals in Noise".

E. A. Guillemin: "A survey on the Status of Linear Network Theory".

J. G. Linvill: "Recent Developments in Broad-Band Active Networks".

A. B. Macnee: "An Electronic Differential Analyzer".

E. R. Kretzmer: "Interference Characteristics of Pulse-Time Modulation".

Symposium on Noise Reduction, U.C.L.A., February 10 - 12, 1949

H. J. Zimmermann and Y. W. Lee: "Noise Studies on Project Meteor".

Eastern Association of Electroencephalographers, Harvard Medical School

February 19, 1949

S. Goldman: "Electronic Potential Mapping".

Letters To The Editor

L. Tisza: "On The Theory of Superfluidity," Phys. Rev. 75, 885 (1949).

M. W. P. Strandberg, C. S. Pearsall, M. T. Weiss, "On the Electric Dipole Moment and Vibrational States of $H_3B^{10}CO$ "; accepted by J. Chem. Phys.

Technical Reports

- No. 77 Microwave Breakdown of a Gas in a Cylindrical Cavity of Arbitrary Length, M. A. Herlin, S. C. Brown, July 30, 1948.
- No. 82 The Effects of Transit Angle on Shot Noise in Vacuum Tubes, G. E. Duvall, September 8, 1948.
- No. 87 The Microwave Absorption Spectrum of Oxygen, M. W. P. Strandberg, C. Y. Meng, J. G. Ingersoll, November 1948; submitted to Phys. Rev.
- No. 89 Investigations of Pulsed Second Sound in Liquid Helium II, J. R. Pellam, November 23, 1948; submitted to Phys. Rev.
- No. 90 An Electronic Differential Analyzer, A. B. Macnee, December 16, 1948.
- No. 91 Ferromagnetic Resonance at Microwave Frequencies in an Iron Single Crystal, A. F. Kip, R. D. Arnold, December 21, 1948; submitted to Phys. Rev.
- No. 93 Some Measurement of Phase Velocity Along a Helix with Dielectric Supports, L. A. Harris, H. R. Johnson, A. A. Karp, L. D. Smullin, January 21, 1949.
- No. 94 Some Measurements of the Characteristics of a Cutoff Magnetron, L. D. Smullin, J. E. Bagnall, February 2, 1949.
- No. 95 Statistical Optics: I. Radiation, N. Grier Parke III; submitted to J. Opt. Soc. Am.
- No. 96 Measurements of Ambipolar Diffusion in Helium, M. A. Biondi, S. C. Brown; submitted to Phys. Rev.