

PUBLICATIONS AND REPORTS

Meeting Abstracts and Letters to the Editor

- Bitter, F., Garrison, J. B., Halpern, J., Maxwell, E., Slater, J. C., and Squire, C. F. Letter to the Editor of the Physical Review. "Superconductivity of Lead at 3 cm. Wave-length."
- Brown, F. G. "The Velocity of Propagation of the Transmitted Photo-Effect in Silicon Crystals", Cambridge Meeting of the American Physical Society, April 26, 1946.
- Brown, S. C. "Characteristics of the Pre-Corona Discharge and Its Use as a Reference Potential in Voltage Stabilizers", Cambridge Meeting of the American Physical Society, April 26, 1946.
- Collins, S. C. Letter to the Editor of the Physical Review. "A Helium Cryostat."
- Fano, R. M. and Lawson, A. W. "Microwave Filters Using Quarter-Wave Couplings", URSI-IRE Meeting, Washington, D. C., May 4, 1946.
- Frank, N. H. "Phase Stability of Synchrotron Orbits", Cambridge Meeting of the American Physical Society, April 26, 1946.
- Galt, John K. and Pellam, John R. "A Method of Measuring the Velocity and Absorption of Sound in Liquids", Meeting of the Acoustical Society of America, New York, May 10, 1946.
- Halpern, J., Everhart, E., Rapuano, R. A., and Slater, J. C. "Preliminary Studies on the Design of a Microwave Linear Accelerator", Cambridge Meeting of the American Physical Society, April 26, 1946.
- Kretzmer, E. R. Letters to the Editors of the Proceedings of the I. E. E. and Wireless Engineer. "Discussion on Distortion in Pulse-Width Modulation."
- Pellam, John R. and Galt, John K. "Ultrasonic Absorption and Velocity Measurements in Liquids by Means of Pulse Techniques", Cambridge Meeting of the American Physical Society, April 26, 1946.
- Posin, D. G. "Lowering of Electrical Breakdown Field Strength at Microwave Frequencies Due to Externally-Applied Magnetic Field", Physical Review, 69, p. 541, May, 1946.
- Roberts, Arthur, Beers, Yardley, and Hill, A. G. "The Measurement of Nuclear Spin, Magnetic Moment, and Hyperfine Structure Separation by a Microwave Frequency-Modulation Method", Chicago Meeting of the American Physical Society, June 22, 1946.
- Tuller, W. G. "Application of the Hartley Law to Time Modulation", Meeting of the URSI-IRE, Washington, D. C., May 3, 1946.
- Winter, D. F. "Fast Sweep Synchroscope", Cambridge Meeting of the American Physical Society, April 26, 1946.
- Winter, D. F. "Oscilloscopic Measurements on Electrical Transients in the Millimicro-second Region", Meeting of the URSI-IRE, Washington, May 2, 1946.

Technical Reports

- #1. Tuller, W. G. - "Distortion in F. M. Discriminators" - March 8, 1946.
- #2. Kittel, Charles - "Theory of the Dispersion of Magnetic Permeability in Ferromagnetic Materials at Microwave Frequencies" - May 20, 1946.
- #3. Stabler, H. P. - "Reversible Counters".
- #4. Pellam, J. R. and Galt, J. K. - "Ultrasonic Propagation in Liquids: I. Application of Pulse Technique to Velocity and Absorption Measurements at 15 Megacycles".
- #5. Kittel, Charles - "Ultrasonic Propagation in Liquids: II. Theoretical Study of the Free Volume Model of the Liquid State".