PUBLICATIONS AND REPORTS

Meeting Abstracts and Letters to the Editor

J R Pellam and C F Squire, "Sound Velocity and Absorption in Liquid Helium", Bulletin American Physical Society, New York Meeting, January 1947

F C Brown, "Transmission of Energy from Radiation on Silicon Crystals", Bulletin American Physical Society, New York Meeting, January 1947

B P Dailey, M W P Strandberg, R L Kyhl, B Wilson and J H Van Vleck, "Quadrupole Moment of N^{14}", Letter to Editor to appear in a forthcoming issue of the Physical Review

Technical Reports

No 4 J R Pellam and J K Galt, "Ultrasonic Propagation in Liquids I Application of Pulse Technique to Velocity and Absorption Measurements at 15 Megacycles", also published in J Chem Phys 14, 608 (1946)

5 C Kittel, "Ultrasonic Propagation in Liquids II Theoretical Study of the Free Volume Model of the Liquid State", also published in J Chem Phys 14, 614 (1946)

*9 J M Luttinger and L Tisza, "Theory of Dipole Interaction in Crystals", to appear in Phys Rev 17, Dec 1946

*11 E R Kretzmer, "Distortion in Pulse Modulation", submitted to Proc I R E

14 W H Bostick, E Everhart and M Labitt, "Parallel Operation of Magnetrons"

15 J Reed, "The Conversion of an Attenuator to Phase Shifter and the Calibration of Both"

*16 C Kittel, "Theory of the Structure of Ferromagnetic Domains in Films and Small Particles", to appear in Phys Rev 17, Dec 1946

*17 A S Eisenstein "An X-ray Method for Measuring the Thickness of Thin Crystalline Films", published in J of Apo Phys 17, 874 (1946)

*18 B Chance, "Stable Spectrophotometry of Small Density Changes", submitted to Rev Sci Inst

*19 B Chance, "A Stable Millivoltmeter Using a Mechanical-switch Modulator", submitted to Rev Sci Inst

*20 B Chance, J N Thurston and P L Richman, "Some Designs and Applications for Packaged Amplifiers Using Subminiature Tubes", submitted to Rev Sci Inst

22 R B Lawrance, "Frequency-Stabilized Oscillator Unit--Instructions and Notes"

* These reports will be available in reprint form only