
Magnetism and Very Low Temperatures

Magnetism and Very Low Temperatures, by H. B. G. Cassimir is a tract based on a series of lectures delivered by the author at Cambridge in the spring of 1938. The treatment is contained in seven chapters of which the first is introductory in character. The second chapter is devoted to classical theories and experimental methods. In chapter three the author presents a brief and concise treatment of the essentials of the quantum theory of paramagnetism. Chapter four is devoted to the experiments on adiabatic demagnetization and in chapter five the author gives a theoretical discussion of paramagnetism at low temperatures. Chapter six is given over to experimental results and finally in chapter seven is discussed the relaxation phenomena.

Like many others of the tracts in this series of publications the material is presented in a very comprehensible manner. It is presented on a level which can be digested by graduate students with an intermediate training and gives the reader a good insight into the problem of magnetism and very low temperatures.

—*H. H. Nielsen.*

Magnetism and Very Low Temperatures. H. B. G. Cassimir. Pp. 93+ix, Fig. 14. Cambridge, At the University Press, 1940.