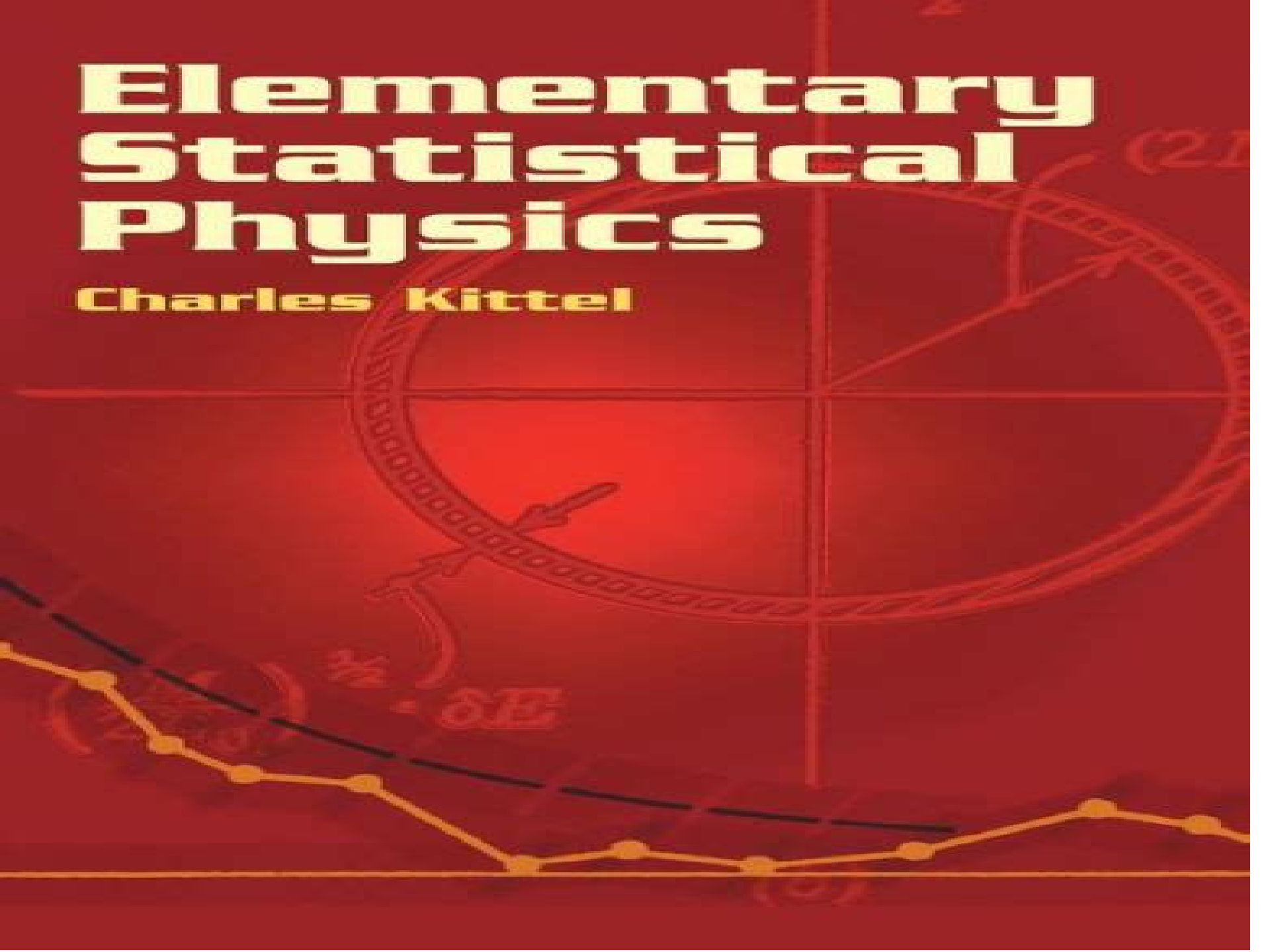


# Elementary Statistical Physics

Charles Kittel



# Elementary Statistical Physics

**Don C. Kelly**



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not only appreciate the roots of the subject but also have some facility in calculating thermodynamic quantities Although statistical thermodynamics comprises an essential part of the college training of a chemist its treatment in general physical chemistry texts is of necessity compressed to the point where the less competent student is unable to appreciate or comprehend its logic and beauty and is reduced to memorizing a series of formulas It has been my aim to fill this need by writing a logical account of the foundations and applications of the subject at a level which can be grasped by an undergraduate who has had some exposure to calculus and to the basic concepts of classical thermodynamics It can serve as a text or supplementary reading for a course or provide the means whereby one could become conversant with the subject on his own without the benefit of an instructor

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