



The Corpuscular Theory of Matter

By J J Thomson

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.It is stated in the preface that this book is an expansion of the series of lectures delivered at the Royal Institution in the spring of 1906. The book consists of seven chapters which deal respectively with the origin and properties of corpuscles, the two different corpuscular theories of metallic conduction, and in the number and arrangement of corpuscles in the atom. In the first chapter corpuscles in vacuum tubes are considered, and evidence is given showing that the corpuscles act as carriers of electricity, and that a positively electrified body owes its positive electrification to a defect of corpuscles. Also a positive charge is always associated with a mass comparable to that of the hydrogen or helium atom, whereas the corpuscles appear always to have the same mass, viz., that of about 1/1700 the atom of hydrogen. As is well known, the positive ions are given off by radium, and constitute the X rays. These have been examined by Rutherford and others, and the ratios of - e/m measured. The second chapter deals with the origin of...



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Reviews

This book is definitely not straightforward to get started on studying but extremely exciting to read. It is really simplistic but shocks in the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Ally Reichel**

This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You wont feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).

-- **Prof. Kirk Cruickshank DDS**

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