



Technical Literature Volume 1

By Books Group

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1907 Excerpt: .atom, which has quite different chemical and physical properties from those of the parent. Professor Rutherford has described these radio-active transformations. He is able to trace the successive degradation of the radium atom through at least six diverse stages, each produced by a loss of a definite number of electrons, until at length, as he believes, it ends as an atom of lead--one of the commonest and least active of metals. This is very different from the alchemist's dream of the transmutation of lead into gold, but it is at least as epoch-making a discovery. Only those who have studied the matter closely can appreciate the wonderful triumphs of manipulation and reasoning which have thus enabled our physicists to get inside the atom, and trace the motions of the infinitely small electrons which compose it. We are on the threshold of a complete revolution in...



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