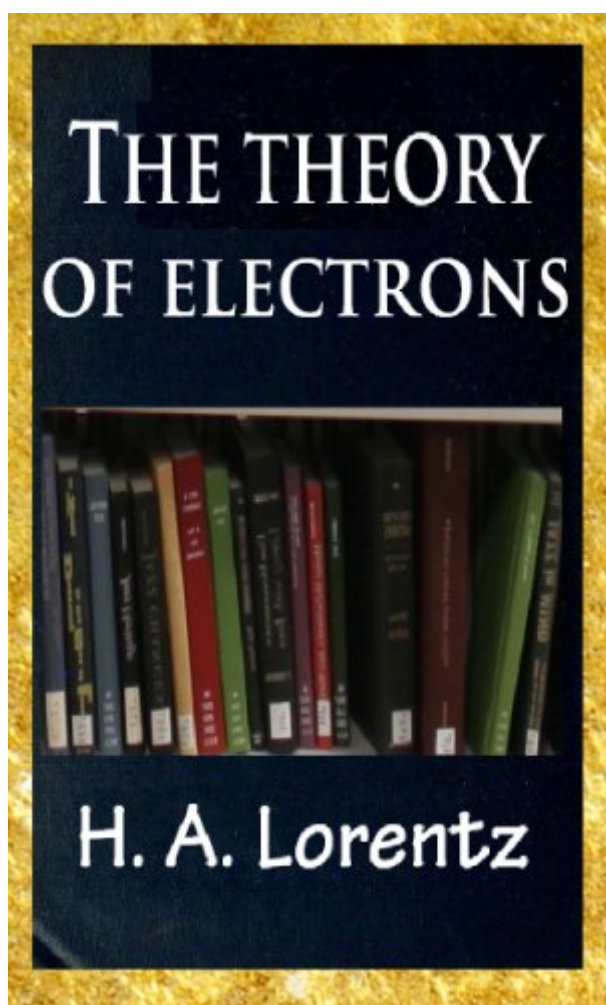


The book was found

# The Theory Of Electrons And Its Applications To The Phenomena Of Light And Radiant Heat (TOC)



## Synopsis

CONTENTS. I. General principles. Theory of free electrons p1 II. Emission and absorption of heat p68 III. Theory of the Zeeman-effect p98 IV. Propagation of light in a body composed of molecules. Theory of the inverse Zeeman-effect p132 V. Optical phenomena in moving bodies p168 Notes p231 Index p340 PREFACE. The publication of these lectures, which I delivered in Columbia University in the spring of 1906, has been unduly delayed, chiefly on account of my wish to give some further development to the subject, so as to present it in a connected and fairly complete form; for this reason I have not refrained from making numerous additions. Nevertheless there are several highly interesting questions, more or less belonging to the theory of electrons, which I could but slightly touch upon. I could no more than allude in a note to Voigt's Treatise on magneto-optical phenomena, and neither Planck's views on radiation, nor Einstein's principle of relativity have received an adequate treatment. In one other respect this book will, I fear, be found very deficient. No space could be spared for a discussion of the different ways in which the fundamental principles may be established, so that, for instance, there was no opportunity to mention the important share that has been taken in the development of the theory by Larmor and Wiechert. It is with great pleasure that I express my thanks to Professor A. P. Wills for his kindness in reading part of the proofs, and to the publisher for the care he has bestowed on my work. Leiden, January 1909. H. A. Lorentz.

## Book Information

File Size: 28197 KB

Print Length: 348 pages

Simultaneous Device Usage: Unlimited

Publication Date: June 21, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B008DX48OA

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #195,684 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #2 in Kindle Store > Kindle eBooks > Nonfiction > Science > Experiments, Instruments & Measurement > Electron Microscopes & Microscopy #4 in Books > Science & Math > Experiments, Instruments & Measurement > Electron Microscopes & Microscopy #28 in Kindle Store > Kindle eBooks > Nonfiction > Science > Physics > Electromagnetism

[Download to continue reading...](#)

The theory of electrons and its applications to the phenomena of light and radiant heat (TOC) The Theory of Electrons, and Its Applications to the Phenomena of Light and Radiant Heat Electrons and Phonons: The Theory of Transport Phenomena in Solids (Oxford Classic Texts in the Physical Sciences) The Wonders of the Colorado Desert (Southern California), Vol. 1 of 2: Its Rivers and Its Mountains, Its Canyons and Its Springs, Its Life and Its ... Journey Made Down the Overflow of the Colo Laser Interaction and Related Plasma Phenomena (Laser Interaction & Related Plasma Phenomena) Transport Phenomena in Multiphase Flows (Fluid Mechanics and Its Applications) Symbolism, Its Origins and Its Consequences (Art, Literature and Music in Symbolism, Its Origins and Its) Introduction to Transport Phenomena: Momentum, Heat and Mass Escape to Hope Ranch: A Montana Heat Novel (Montana Heat Series, Book 2) Montana Heat: Escape to You: A Montana Heat Novel Edge of the Heat Box Set Books 1-7: Edge of the Heat Firefighter Romance Introduction to Non-Abelian Class Field Theory, An: Automorphic Forms of Weight 1 and 2-Dimensional Galois Representations (Series on Number Theory and Its Applications) Capturing Radiant Light & Color in Oils and Pastels Light: A Radiant History from Creation to the Quantum Age Thomas Kinkade: Paintings of Radiant Light Nanoscale Energy Transport and Conversion: A Parallel Treatment of Electrons, Molecules, Phonons, and Photons (MIT-Pappalardo Series in Mechanical Engineering) Atoms, Electrons, and Change: A Scientific American Library Book The Role of High Energy Electrons in the Treatment of Cancer: 25th Annual San Francisco Cancer Symposium, February 1990 (Frontiers of Radiation Therapy and Oncology, Vol. 25) (v. 25) Chemical Physics: Electrons and Excitations There Are No Electrons: Electronics for Earthlings

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)