



The Mathematical Theory of Electricity and Magnetism (Classic Reprint) (Hardback)

By James Hopwood Jeans

Forgotten Books, 2018. Hardback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Excerpt from The Mathematical Theory of Electricity and Magnetism The range is very approximately that of Maxwell s original Treatise, but the present book is in many respects more elementary than that of Maxwell. Maxwell s Treatise was written for the fully-equipped mathematician: the present book is written more especially for the student, and for the physicist of limited mathematical attainments. The questions of mathematical analysis which are treated in the text have been inserted in the places where they are first needed for the development of the physical theory, in the belief that, in many cases, the mathematical and physical theories illuminate one another by being studied simultaneously. For example, brief sketches of the theories of spherical, zonal and ellipsoidal harmonics are given in the chapter on Special Problems in Electrostatics, interwoven with the study of harmonic potentials and electrical applications: Stokes Theorem is similarly given in connection with the magnetic vector-potential, and so on. One result of this arrangement is to destroy, at least in appearance, the balance of the amounts of space allotted to the different parts of the subject. For...

DOWNLOAD



READ ONLINE

[3.9 MB]

Reviews

The ebook is easy in go through easier to recognize. We have study and i am certain that i will planning to read through once again once again in the future. I am quickly will get a pleasure of studying a composed publication.

-- Prof. Adah Mertz Sr.

If you need to adding benefit, a must buy book. It can be loaded with wisdom and knowledge I discovered this ebook from my dad and i encouraged this pdf to discover.

-- Darrin Kutch