



Mathematical Papers of the Late George Green, Fellow of Gonville and Caius College, Cambridge (Classic Reprint) (Paperback)

By George Green

Forgotten Books, United States, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Mathematical Papers of the Late George Green, Fellow of Gonville and Caius College, Cambridge On the Re?exion and Refraction of Light at the common surface of two non-crystallized media. These two papers should be studied together. The question discussed in the first is, in fact, that of the propagation of normal vibrations through a ? uid. Particular attention should be paid to the mode in which, from the differential equations of motion, is deduced an explanation of a phenomenon analogous to that known in Optics as Total internal re?ection when the angle of incidence exceeds the critical angle. By supposing that there are pro pagated, in the second medium, vibrations which rapidly dimi nish in intensity, and become evanescent at sensible distances, the change of phase which accompanies this phenomenon is clearly brought into view. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present...



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