

# APPLIED ELECTRICITY & ELECTRONICS

FOR SENIOR HIGH TECHNICAL SCHOOLS

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# Applied Electricity Books

**J. Paley Yorke**



## **Applied Electricity Books:**

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Applied Electricity J. Paley Yorke, John Clay (Printer), Edward Arnold (Publishers), 1908      Applied Electricity J. Paley Yorke, 2017-09-09 Excerpt from Applied Electricity A Text Book of Electrical Engineering for Second Year Students His book is intended as a Text book of Electrical Engineering for second year students I define these as students who have already become acquainted with the elementary fundamental principles and laws of Magnetism and Electricity and who have also a knowledge of the elements of Mechanics Heat and Mathematics It may seem that I am assuming too much for the average student in a Technical Institute but if he is to gain any really useful knowledge of this subject such preliminary training is absolutely essential My experience teaches me that students are quite prepared to devote their first year to this preliminary work when the necessity for and the subsequent advantage of it are pointed out About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) 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 in the aged copy In rare cases an imperfection in the original such as a blemish or missing page may be replicated in our edition We do however repair the vast majority of imperfections successfully any imperfections that remain are intentionally left to preserve the state of such historical works      **Applied Electricity** J. Paley Yorke, 2015-06-02 Excerpt from Applied Electricity A Text Book of Electrical Engineering for Second Year Students This book is intended as a Text book of Electrical Engineering for second year students I define these as students who have already become acquainted with the elementary fundamental principles and laws of Magnetism and Electricity and who have also a knowledge of the elements of Mechanics Heat and Mathematics It may seem that I am assuming too much for the average student in a Technical Institute but if he is to gain any really useful knowledge of this subject such preliminary training is absolutely essential My experience teaches me that students are quite prepared to devote their first year to this preliminary work when the necessity for and the subsequent advantage of it are pointed out This volume is intended to be a direct follow on to this first year work In it I have endeavoured to describe the fundamental principles of applied magnetism and electricity and have been careful to show how the practical applications are related to the phenomena of pure science In fact I have tried to treat the subject with absolute continuity so that there shall be no line of demarcation dividing the region of pure from that of applied electricity But of course I have only dealt with those sections of pure science which are connected with modern electrical practice Wherever it has been possible I have described laboratory experiments in some detail so that the book will be useful not only as a supplement to a course of lectures but also in the laboratory where the student may perform the experiments and make determinations himself About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) This book is a

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**A First Book of Applied Electricity** Samuel Romilly Roget,2015-06-02 Excerpt from A First Book of Applied Electricity In this

presentation of a few of the elementary principles that underlie the useful applications of electricity and magnetism reference has been made to the manifestations of electricity which are most often met with in daily life without first requiring the reader to survey aspects of the subject which although of ultimate theoretical importance are not the basis of the applications with which he is already acquainted For this reason it has been sought to make the reader familiar with electric currents and their various effects pointing out how some of these are applied before he is introduced to electrostatics for it is considered more important for him to think in volts and amperes than in electrostatic units In a work of this size it would have been impossible to enter into details of real electrical engineering practice without unduly restricting the outline of the principles involved Only the most elementary mathematics are employed and the object has been more to help to give an understanding of principles than to provide the equipment for the exact calculations which will be of more profit at a later stage when those principles have been mastered About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books Find more at [www.forgottenbooks.com](http://www.forgottenbooks.com) 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 in the aged copy In rare cases an imperfection in the original such as a blemish or missing page may be replicated in our edition We do however repair the vast majority of imperfections successfully any imperfections that remain are intentionally left to preserve the state of such historical works      *Applied Electricity* J. Paley Yorke, 2000

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