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in 1993 the first edition of the electrical engineering handbook set a new standard for breadth and depth of coverage in an engineering reference work now this classic has been substantially revised and updated to include the latest information on all the important topics in electrical engineering today every electrical engineer should have an opportunity to expand his expertise with this definitive guide in a single volume this handbook provides a complete reference to answer the questions encountered by practicing engineers in industry government or academia this well organized book is divided into 12 major sections that encompass the entire field of electrical engineering including circuits signal processing electronics electromagnetics electrical effects and devices and energy and the emerging trends in the fields of communications digital devices computer engineering systems and biomedical engineering a compendium of physical chemical material and mathematical data completes this comprehensive resource every major topic is thoroughly covered and every important concept is defined described and illustrated conceptually challenging but carefully explained articles are equally valuable to the practicing engineer researchers and students a distinguished advisory board and contributors including many of the leading authors professors and researchers in the field today assist noted author and professor richard dorf in offering complete coverage of this rapidly expanding field no other single volume available today offers this combination of broad coverage and depth of exploration of the topics the electrical engineering handbook will be an invaluable resource for electrical engineers for years to come

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excerpt from exercises in electrical engineering for the use of second year students in universities and technical colleges a considerable time having elapsed since the publication of a collection of exercises in electrical engineering the present moment seems opportune for carrying out a plan which has often been suggested namely the collection and publication of a selection of the questions set in recent years in the second year exercise classes and examinations at the central technical college the questions have been revised where necessary and

classified and graded for publication it is hoped that they may be found useful in the second year work of other colleges and institutions of university rank to get a thorough grasp of the matter dealt with in lectures it is absolutely essential that students work out for themselves numerous exercises on the subjects under consider ation if exercise classes are held these should not be of the nature of examinations but the students should be encouraged to discuss the questions with the lecturer and even with each other about the publisher forgotten books publishes hundreds of thousands of rare and classic books find more at 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

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