

**CONTINUOUS AND
ALTERNATING CURRENT
MACHINERY PROBLEMS.
ELEMANTARY PROBLEMS FOR
USE IN TECHNICAL SCHOOLS**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649309160

Continuous and Alternating Current Machinery Problems. Elementary problems for use in technical schools by William T. Ryan

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WILLIAM T. RYAN

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ELEMENTARY PROBLEMS FOR USE IN
TECHNICAL SCHOOLS

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FIRST EDITION
FIRST THOUSAND

NEW YORK
JOHN WILEY & SONS, INC.
LONDON: CHAPMAN & HALL, LIMITED
1915

PREFACE

THIS little book of problems was prepared to be used in conjunction with Morecroft's elementary text-book on "Continuous and Alternating Current Machinery" as texts for a short course given by the author to civil and mining engineers. It is well understood that the average student is apt to find general principles and mathematical formulæ somewhat vague and uninviting, unless his conception is made somewhat easier by the way of concrete examples and laboratory work. The author believes that Morecroft's text-book, Clewell's Laboratory Manual and this little book of problems make a very effective combination for administering a short elementary course to advanced students in non-electrical engineering courses.

The Problems will also be found suitable for use with any of the available text-books or with a lecture course.

In general the problems are very closely related to actual engineering practice and are so made up as not to be mere mathematical puzzles.

W. T. RYAN.

MINNEAPOLIS, MINN.
January 1, 1915.

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