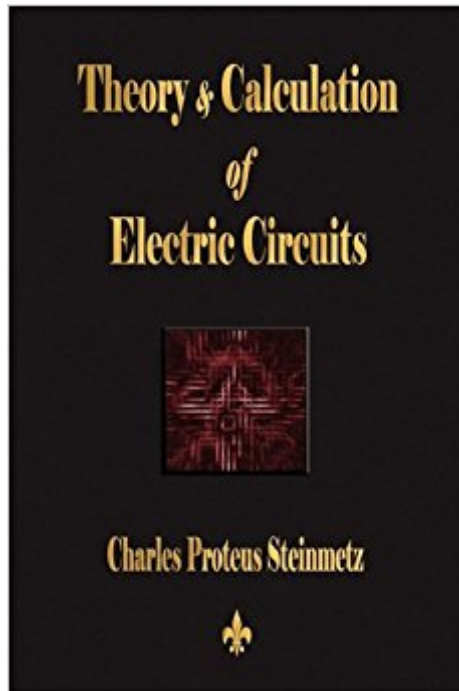




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# Theory And Calculation Of Electric Circuits



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An Unabridged First Edition To Include: Electric Conduction - Solid And Liquid Conductors - Gas And Vapor Conductors - Magnetism (Reluctivity) - Hysteresis - Magnetic Constants - Mechanical Forces - Shaping Of Waves - By Magnetic Saturation - Wave Screens - Even Harmonics - Instability Of Circuits (The Arc) - Instability Of Circuits - Reactance Of Induction Apparatus - Reactance Of Synchronous Machines - Constant Potential (Constant Current Transformation) - Constant Potential Series Operation - Load Balance Of Polyphase Systems - Circuits With Distributive Leakage - Oscillating Currents - Comprehensive Index

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## Customer Reviews

Thank you Steinmetz for your dedication and for everything that you gave the world in these books!

This is a really good book by the father of electricity. He was a very good explainer although some words or expressions may be unfamiliar due to the age difference. This book is a great read but should be read with grain of salt, you have to be aware that the stuff in this book is more than 100 years old, many of the chapters are plain obsolete, and many of the techniques, theories and materials were not invented or discovered back then so you shouldnt take literally everything this book says. However most of the core information of the book hasnt changed over the last 100 years, Steinmetz who first described magnetic hysteresis, makes a very fine job explaining it in this book, most of the book is focused on the magnetic effects of materials, hysteresis and its impact

on electric circuits, this book should provide a solid foundation on magnetic hysteresis, complemented with a more modern book which approaches new materials and techniques. As for the edition of this book, I must say it is great, no missing words, formulas or images, the paper quality is quite good, relatively thick yellowish paper, also the print quality is quite good. I've seen complete editorial disasters with these old Steinmetz books, in which pages will be missing, or graphs and formulas will be chopped off, etc.. this is not the case with this book, this one is very clean, I wish the quality of the other Steinmetz books could be as good as this one.

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