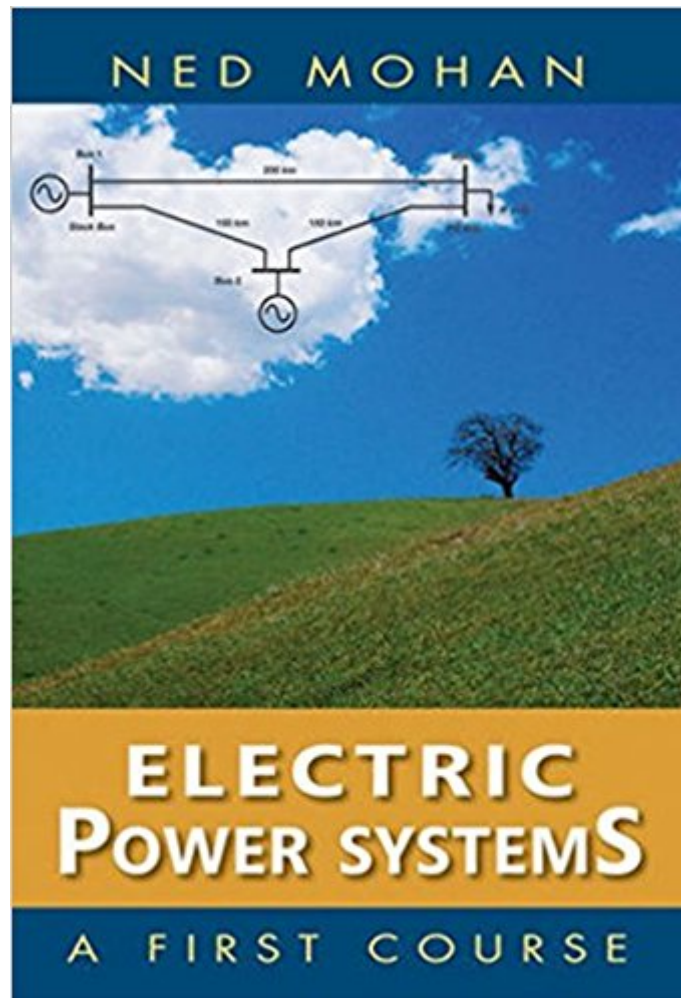




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Electric Power Systems: A First Course



Synopsis

Author Ned Mohan has been a leader in EES education and research for decades. His three-book series on Power Electronics focuses on three essential topics in the power sequence based on applications relevant to this age of sustainable energy such as wind turbines and hybrid electric vehicles. The three topics include power electronics, power systems and electric machines. Key features in the first Edition build on Mohan's successful MNPERE texts; his systems approach which puts dry technical detail in the context of applications; and substantial pedagogical support including PPT's, video clips, animations, clicker questions and a lab manual. It follows a top-down systems-level approach to power electronics to highlight interrelationships between these sub-fields. It's intended to cover fundamental and practical design. This book also follows a building-block approach to power electronics that allows an in-depth discussion of several important topics that are usually left. Topics are carefully sequenced to maintain continuity and interest.

Book Information

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Customer Reviews

The worst textbook I've ever had. Just awful. Filled with errors, and undocumented conclusions. This book is a nightmare. I've found that I have to use other books to understand the concepts. This is just the poorest I've ever had. I know this sounds rather rash, but I don't know how else to put it. It's made this semester a nightmare. Please stop publishing this book. Hope that you don't also have to do the lab that is by the same author as the documentation and instructional videos paint a blurry picture of what you're actually doing.

Terrible book. Equation variables and terms are not explained well enough and the practice questions have you flipping between multiple pages as they refer to multiple previous examples, figures, tables and equations. If your course requires you use this book, I'm sorry.

rented this book for semester long power system class. Good introductory textbook but with few information presented(it is a really thin book). Some of terms in the chapter problems are poorly defined. I had to borrow another power system textbook in reference to understand many concepts. Too few example problems and some solution s are not very clear(for example a matlab code w/o any explanation)

Terribly designed book. Each problem refers to 3 different examples and figures all on different pages and by the end you don't know what numbers to use.

I found this text to leave out crucial proofs of results and explanation that deepens the understanding. The information was very current and relevant however.

Excellent Book!

Great

This book is really basic! If you are familiar with power systems, I recommend you not to buy it! It can be a good choice for those who are beginner in power

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