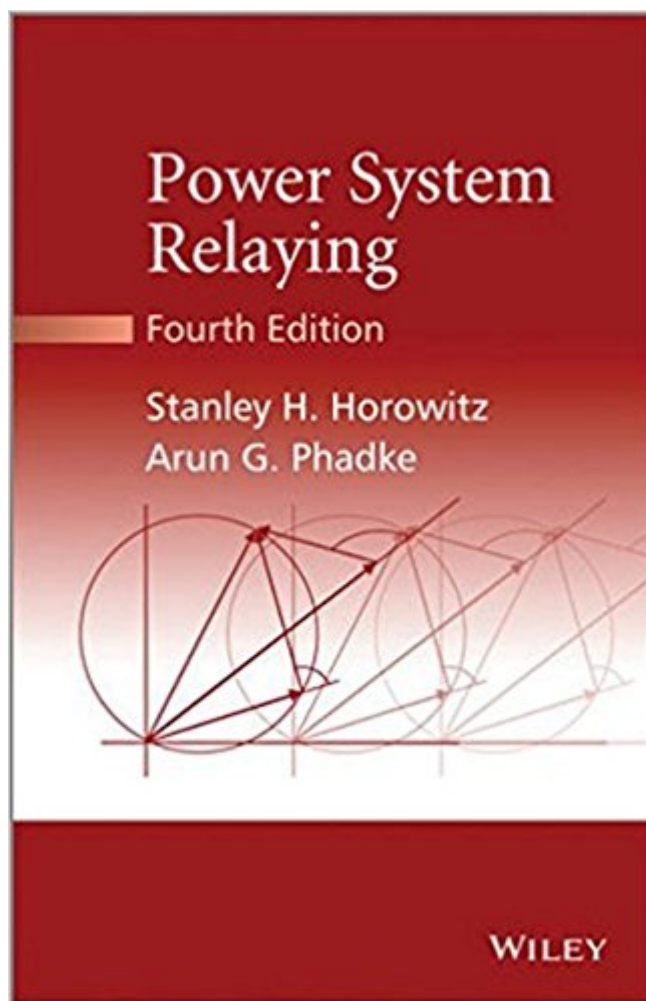


The book was found

Power System Relaying



Synopsis

With emphasis on power system protection from the network operator perspective, this classic textbook explains the fundamentals of relaying and power system phenomena including stability, protection and reliability. The fourth edition brings coverage up-to-date with important advancements in protective relaying due to significant changes in the conventional electric power system that will integrate renewable forms of energy and, in some countries, adoption of the Smart Grid initiative. New features of the Fourth Edition include: an entirely new chapter on protection considerations for renewable energy sources, looking at grid interconnection techniques, codes, protection considerations and practices.Â new concepts in power system protection such as Wide Area Measurement Systems (WAMS) and system integrity protection (SIPS) -how to use WAMS for protection, and SIPS and control with WAMS. phasor measurement units (PMU), transmission line current differential, high voltage dead tank circuit breakers, and relays for multi-terminal lines. revisions to the Bus Protection Guide IEEE C37.234 (2009) and to the sections on additional protective requirements and restoration. Used by universities and industry courses throughout the world, Power System Relaying is an essential text for graduate students in electric power engineering and a reference for practising relay and protection engineers who want to be kept up to date with the latest advances in the industry.

Book Information

Hardcover: 398 pages

Publisher: Wiley; 4 edition (January 28, 2014)

Language: English

ISBN-10: 1118662008

ISBN-13: 978-1118662007

Product Dimensions: 7 x 1 x 9.9 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: 3.6 out of 5 stars 3 customer reviews

Best Sellers Rank: #529,717 in Books (See Top 100 in Books) #111 inÂ Books > Engineering & Transportation > Engineering > Energy Production & Extraction > Electric #2505 inÂ Books > Engineering & Transportation > Engineering > Electrical & Electronics #2757 inÂ Books > Science & Math > Nature & Ecology > Conservation

Customer Reviews

With emphasis on power system protection from the network operator perspective, this classic

textbook explains the fundamentals of relaying and power system phenomena including stability, protection, and reliability. The fourth edition brings coverage up to date with important advancements in protective relaying due to significant changes in the conventional electric power system that will integrate renewable forms of energy and, in some countries, adoption of the Smart Grid initiative. New features of the fourth edition include: an entirely new chapter on protection considerations for renewable energy sources, looking at grid interconnection techniques, codes, protection considerations, and practices new concepts in power system protection, such as Wide Area Measurement Systems (WAMS) and system integrity protection schemes (SIPS) "how to use WAMS for protection, and SIPS and control with WAMS phasor measurement units (PMUs), transmission line current differential, high-voltage dead-tank circuit breakers, and relays for multiterminal lines revisions to the Bus Protection Guide IEEE C37.234 (2009) and to the sections on additional protective requirements and restoration. Used by universities and industry courses throughout the world, Power System Relaying is an essential text for graduate students in electric power engineering and a reference for practising relay and protection engineers who want to be kept up to date with the latest advances in the industry.

Great book for getting some relay and configurations first book i bought so this is currently my base line

I had high hopes for this book since the reviews for the second edition were decent, but I just finished reading the first chapter of edition 3 and so far I'm very disappointed. The book mentions certain procedures and arrangements, but doesn't explain anything well. The questions at the end of the chapter seem out of place since no procedure is explained. The first question asks the students to write a computer program to solve a problem. WHAT? I can program fine, but even simple programs take time and effort to write. Other questions asks the student to calculate the fault currents for systems, but there no example given in the short 18-page chapter 1.

This book provides an overview of relaying technologies and protection schemes from a high level. The readers may need to notice that it is not a textbook for beginners, the depth and width of the content assumes sufficient background in power system protection. For more systematic study of all the relay's physical structures and other fundamentals, other texts will be more suitable. The book, however, provides a perspective from the system (instead of focusing on specific components). Chapter 10 to 15 is state-of-art in power system protection, and not available as comprehensive in

any other books according to my knowledge. It provides literature guidelines and research indications in a concise and systematic way. In conclusion, it is a book for advanced readers, researchers and people interested in developing an understanding of key component in relaying technology. It may be a little absurd to serve as a beginner's textbook.

[Download to continue reading...](#)

Power System Relaying Solar Power: The Ultimate Guide to Solar Power Energy and Lower Bills: (Off Grid Solar Power Systems, Home Solar Power System) (Living Off Grid, Wind And Solar Power Systems) Protective Relaying: Principles and Applications, Fourth Edition Power Training: For Combat, MMA, Boxing, Wrestling, Martial Arts, and Self-Defense: How to Develop Knockout Punching Power, Kicking Power, Grappling Power, and Ground Fighting Power Power Pivot and Power BI: The Excel User's Guide to DAX, Power Query, Power BI & Power Pivot in Excel 2010-2016 Electric Power System Basics for the Nonelectrical Professional (IEEE Press Series on Power Engineering) Power System Harmonics and Passive Filter Designs (IEEE Press Series on Power Engineering) Power System Analysis (Power & Energy) Master Your Mind: Achieve Greatness by Powering Your Subconscious Mind [mental power, mind control, thought control] (brain power, subconscious mind power, NLP, Neuro Linguistic Programming) Off-Grid Living: How To Build Wind Turbine, Solar Panels And Micro Hydroelectric Generator To Power Up Your House: (Wind Power, Hydropower, Solar Energy, Power Generation) State Estimation in Electric Power Systems: A Generalized Approach (Power Electronics and Power Systems) Power Pressure Cooker XL Cookbook: The Only Power Pressure Cooker XL Recipe Book You Need To Wow Your Family. 177 Power Pressure Cooker XL Recipes For A Day Of Complete Wow! Muscular System Coloring Book: Now you can learn and master the muscular system with ease while having fun Apple Cider Vinegar: Miracle Health System (Bragg Apple Cider Vinegar Miracle Health System: With the Bragg Healthy Lifestyle) iCubed: The All Blacks' Winning Rugby Coaching System (iCubed: The Winning Rugby Coaching System Book 5) The LiceX Solutions System, Natural Lice Treatment Home System The Lymphatic's System Role for Ultimate Health and Energy: An Easy Guide to Activating the Lymphatic System, Optimum Health & Energy and Curing Disorders Magic Lantern Guides: Nikon AF Speedlight Flash System: Master the Creative Lighting System! (A Lark Photography Book) Ichimoku Heikin Ashi Trading System Second Edition: Guide to a Deadly accurate Trading System The Telesales Top-Seller System: The simple six-part system that made me a top seller (Business Books Book 7)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)