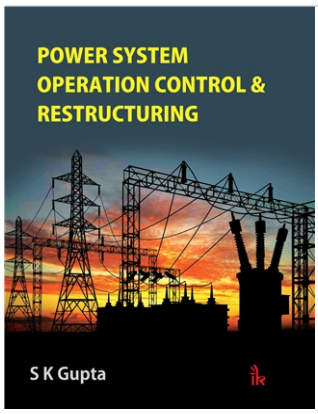
Book Information Sheet



Power System Operation Control & Restructuring, 1/e

SK Gupta

2015 | 916 pp | Paperback | ISBN: 9789382332985 | Price: 695.00

About the Book

This book provides a thorough understanding of the fundamentals of the subjects and their applications, including modeling, analyzing the problem of stability, operation of the power system and problems associated with restructured power systems.

With its coverage and focus, this book will meet the needs of the students of the various UG and PG power systems engineering courses. It will also serve as a useful reference resource for researchers and practising engineers.

Salient Features

- A large number of solved problems and unsolved exercises accompanying theory, for better comprehension
- Inclusion of MATLAB M-files and SIMULINK appropriately in numerical examples, for assisting the analysis
- A dedicated chapter on supervisory control and data acquisition (SCADA), for proper emphasis on this important topic
- A section on engineering challenges encountered in restructuring of interconnected power systems, for a real-world application
- A good coverage of the regulatory and legal framework, for giving a good understanding of the compliance aspects of power systems

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About the Author

SK Gupta :- is Professor of Electrical Engineering at Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Haryana. He has published more than 120 research papers in international and national journals and conferences of repute. He is a recipient of ';Certificate of Merit' awarded by The Institution of Engineers (India) for 2003-2004 for a research paper published in The Journal of Institution of Engineers (India). He is a member of ISTE, IEEE and is a fellow of IE (I) and IETE. He has visited Montreal (Canada) and Rio de Janeiro (Brazil) under the TEQIP World Bank Project, and Venice (Italy) for participation in research at an international level.