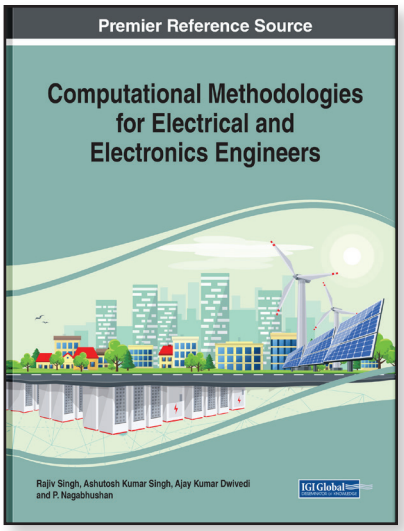
Computational Methodologies for Electrical and Electronics Engineers



Part of the Advances in Computer and Electrical Engineering Book Series

Rajiv Singh (G.B. Pant University of Agriculture, India) and Ashutosh Kumar Singh (Indian Institute of Information Technology Allahabad, India)

Description:

Artificial intelligence has been applied to many areas of science and technology, including the power and energy sector. Renewable energy in particular has experienced the tremendous positive impact of these developments. With the recent evolution of smart energy technologies, engineers and scientists working in this sector need an exhaustive source of current knowledge to effectively cater to the energy needs of citizens of developing countries.

Computational Methodologies for Electrical and Electronics Engineers is a collection of innovative research that provides a complete insight and overview of the application of intelligent computational techniques in power and energy. Featuring research on a wide range of topics such as artificial neural networks, smart grids, and soft computing, this book is ideally designed for programmers, engineers, technicians, ecologists, entrepreneurs, researchers, academicians, and students.

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- Big Data Analysis
- Cloud Computing
- Fuzzy Systems
- Machine Learning
- Optimization
- Renewable Energy
- Smart Computing
- Smart Energy
- Smart Grids
- Soft Computing

Subject: Science and Engineering

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Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners

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