

Security Solutions and Applied Cryptography in Smart Grid Communications

Part of the Advances in Information Security, Privacy, and Ethics Book Series

Mohamed Amine Ferrag (Guelma University, Algeria) and Ahmed Ahmim (University of Larbi Tebessi, Algeria)

Description:

Electrical energy usage is increasing every year due to population growth and new forms of consumption. As such, it is increasingly imperative to research methods of energy control and safe use.

Security Solutions and Applied Cryptography in Smart Grid Communications is a pivotal reference source for the latest research on the development of smart grid technology and best practices of utilization. Features extensive coverage across a range of relevant perspectives and topics, such as threat detection, authentication, and intrusion detection.



Readers:

This book is ideally designed for academicians, researchers, engineers and students seeking current research on ways in which to implement smart grid platforms all over the globe.

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Topics Covered:

- Authentication
- Infrequent Pattern Identification
- Intrusion Detection System
- Photovoltaic Systems
- Renewable Energy
- Smart Meters
- Threat Detection

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