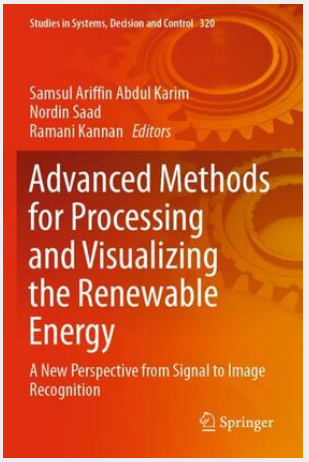
Abdul Karim / Kannan / Saad

Advanced Methods for Processing and Visualizing the Renewable Energy

A New Perspective from Signal to Image Recognition

This book is a collection of research work conducted by researchers at Centre for Smart Grid Energy Research (CSMER), Institute of Autonomous System, Universiti Teknologi PETRONAS (UTP), and Seismic Modelling and Inversion Group, King Abdullah University of Science and Technology (KAUST), Saudi Arabia. The book covers topics in the field of renewable energy where visualization, artificial neural network and deep learning techniques have been applied to optimize the performance of various applications in energy-related industries. These examples include a natural gas vehicle (NGV), a single axis and a fixed axis solar tracker, seismic inversion enhanced oil recovery, viability of a PV system and construction of a septic B-spline tensor product scheme. Readers will benefit from these examples, which describe the current trend of energy optimization techniques in renewable energy applications making it a good reference for the researchers and industrial practitioners working in the fieldof renewable energy and optimization techniques.



171,19 €
159,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9789811586088
Medium: Buch
ISBN: 978-981-15-8608-8
Verlag: Springer Nature Singapore
Erscheinungstermin: 12.05.2022
Sprache(n): Englisch
Auflage: 1. Auflage 2021
Serie: Studies in Systems, Decision and Control
Produktform: Kartoniert
Gewicht: 265 g
Seiten: 149
Format (B x H): 155 x 235 mm