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# ADIECTA NOVA

• eBook COLLECTION •



New E-Book added to the Collection

**MAY 2026**



# PREFACE

The Central Library of Delhi Technological University (DTU) is pleased to present the May 2026 edition of *Adiecta Nova*, a monthly bulletin dedicated to showcasing newly acquired resources and highlighting key library initiatives.

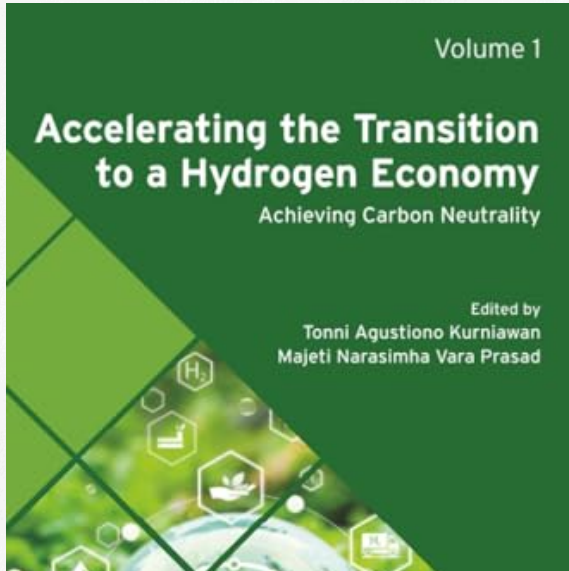
*Adiecta Nova* serves as an important communication platform between the Central Library and the DTU academic community. Through this bulletin, we aim to keep faculty members, researchers, and students informed about the latest additions to our collection across diverse disciplines, enabling them to discover valuable resources that support teaching, learning, and research.

The Central Library remains committed to continuously enriching its collection in response to the evolving academic and research needs of the University. By regularly expanding our holdings and ensuring access to high-quality information resources, we strive to strengthen the teaching-learning and research ecosystem at DTU.

We hope that this edition of *Adiecta Nova* will encourage greater utilization of the Library's resources and inspire members of the DTU community to explore, learn, and excel in their academic and research pursuits.

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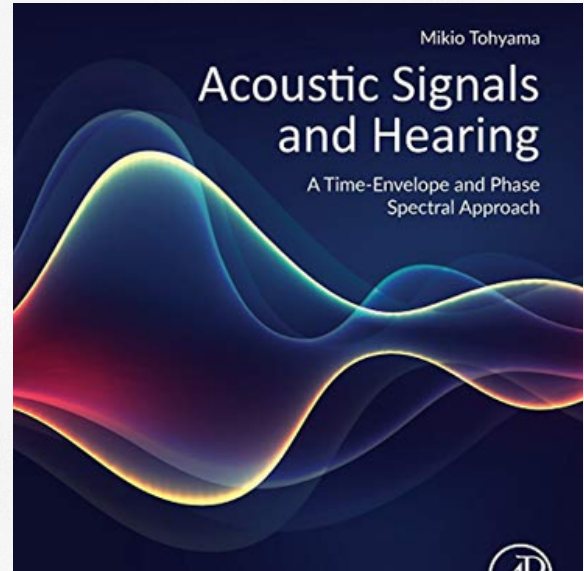
Volume 1

## Accelerating the Transition to a Hydrogen Economy

Achieving Carbon Neutrality

Edited by  
Tonni Agustiono Kurniawan  
Majeti Narasimha Vara Prasad

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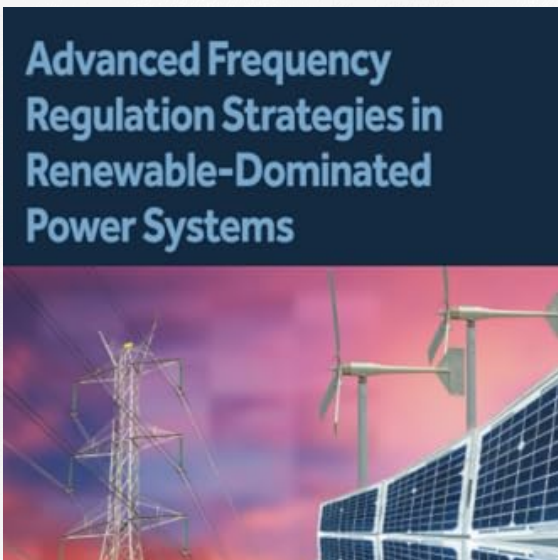


Mikio Tohyama

## Acoustic Signals and Hearing

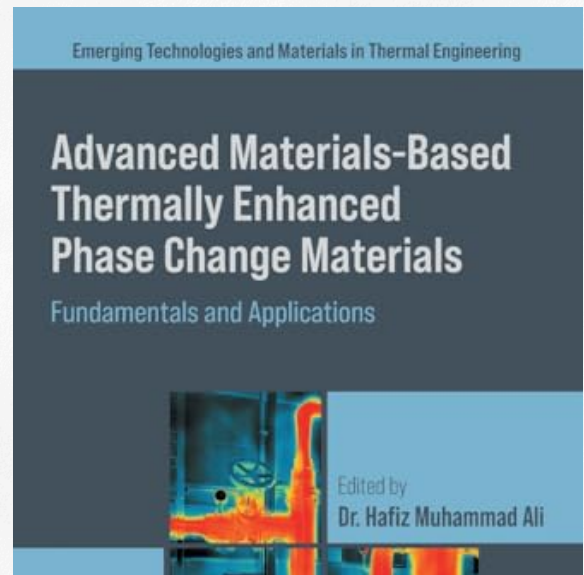
A Time-Envelope and Phase Spectral Approach

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## Advanced Frequency Regulation Strategies in Renewable-Dominated Power Systems

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Emerging Technologies and Materials in Thermal Engineering

## Advanced Materials-Based Thermally Enhanced Phase Change Materials

Fundamentals and Applications

Edited by  
Dr. Hafiz Muhammad Ali

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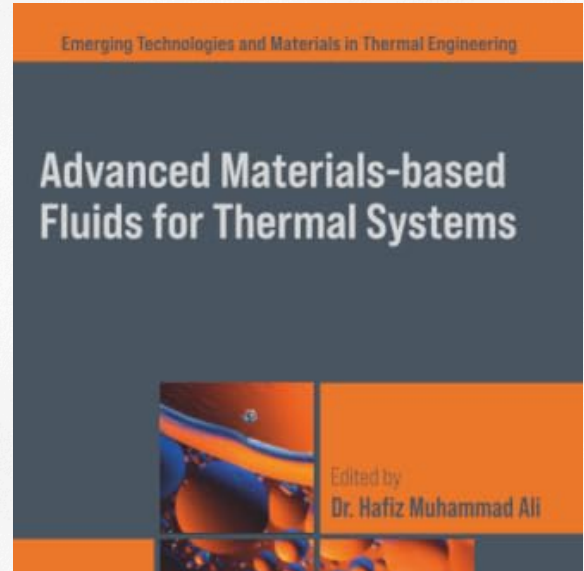
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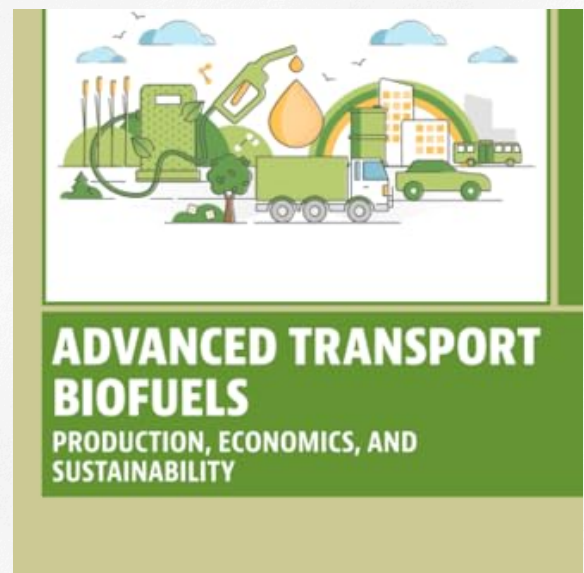
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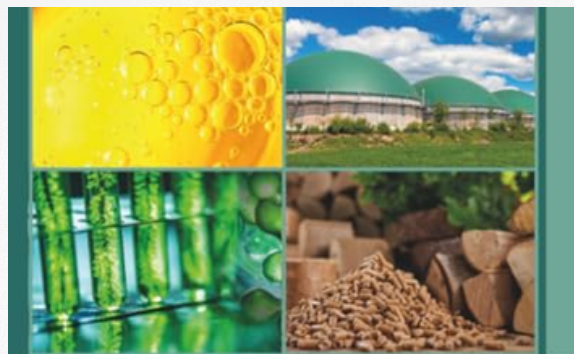


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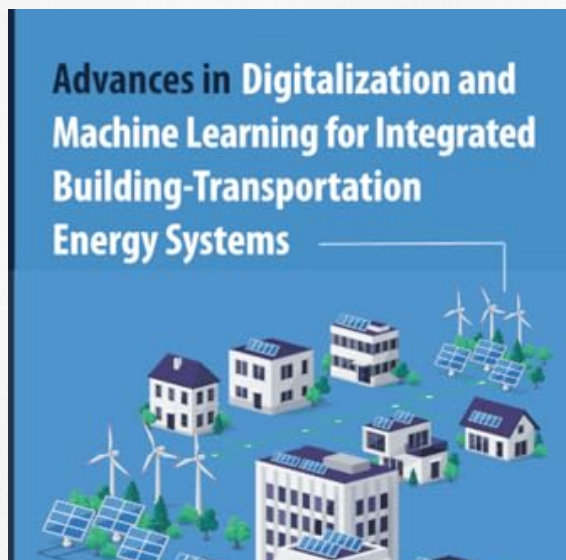
**ADVANCES IN BIOFUELS  
PRODUCTION, OPTIMIZATION  
AND APPLICATIONS**

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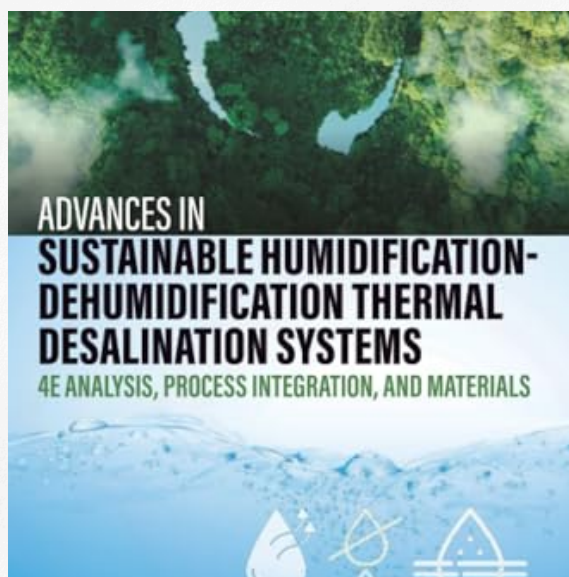
**ADVANCES IN  
CONSTRUCTION AND  
DEMOLITION WASTE  
RECYCLING**  
MANAGEMENT, PROCESSING AND  
ENVIRONMENTAL ASSESSMENT

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**Advances in Digitalization and  
Machine Learning for Integrated  
Building-Transportation  
Energy Systems**

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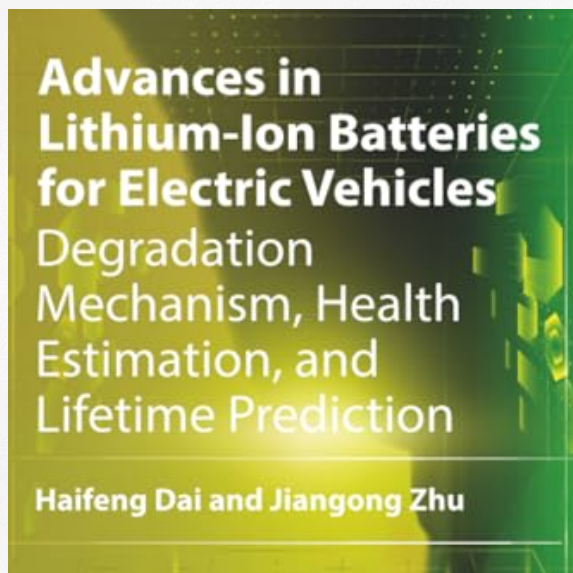
**ADVANCES IN  
SUSTAINABLE HUMIDIFICATION-  
DEHUMIDIFICATION THERMAL  
DESALINATION SYSTEMS**  
4E ANALYSIS, PROCESS INTEGRATION, AND MATERIALS

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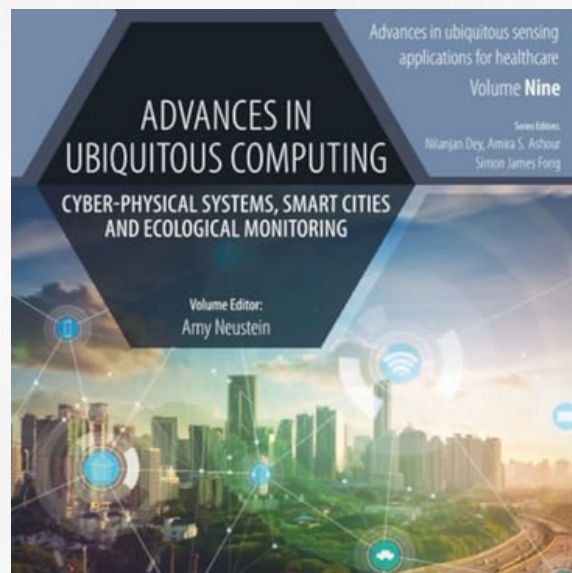
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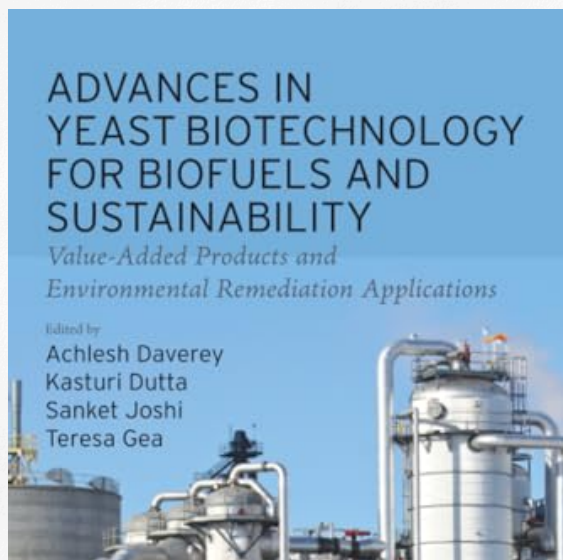
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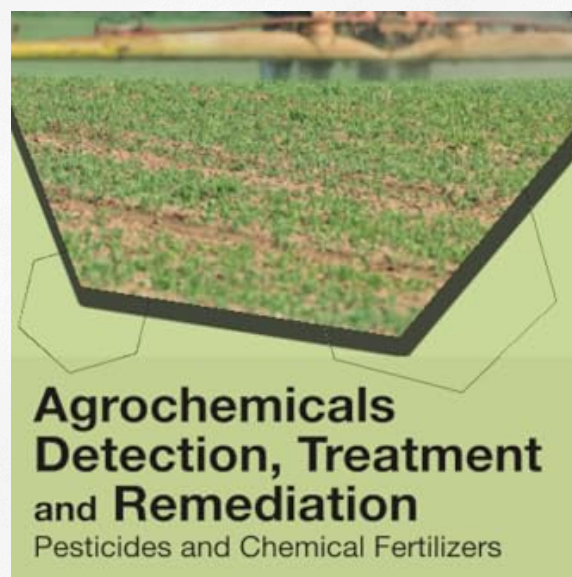
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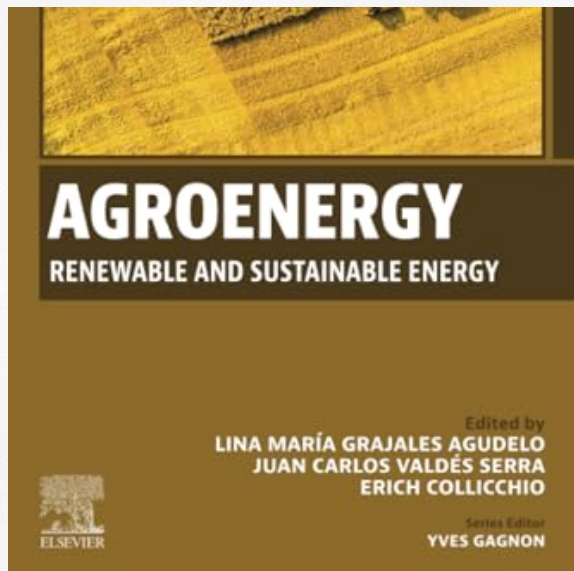
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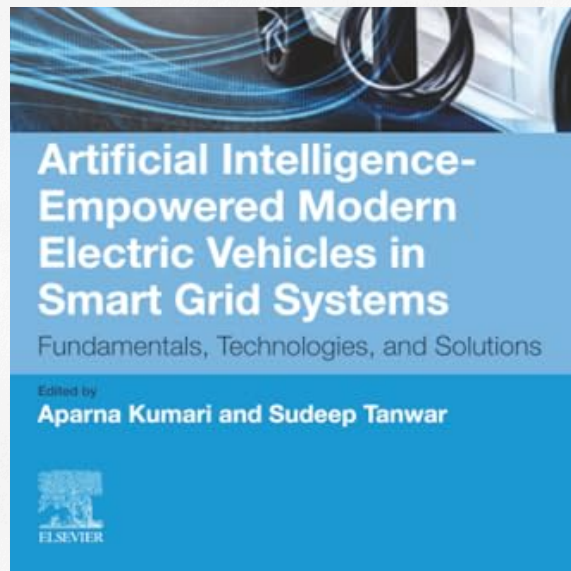
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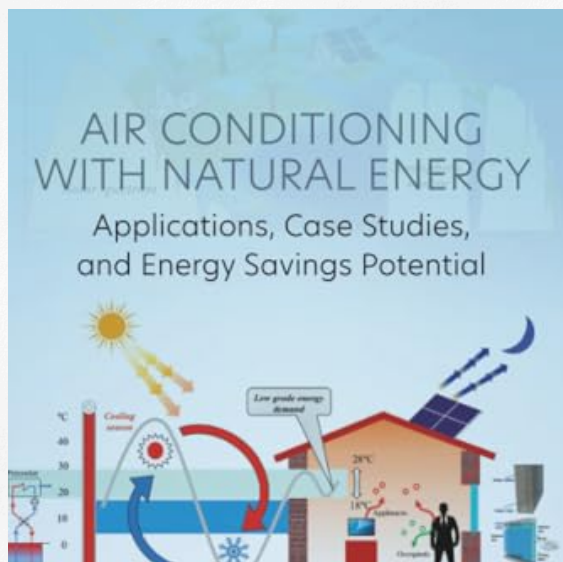
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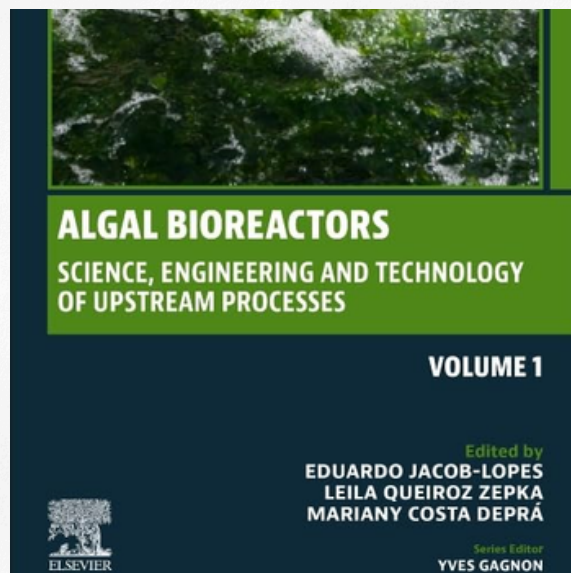
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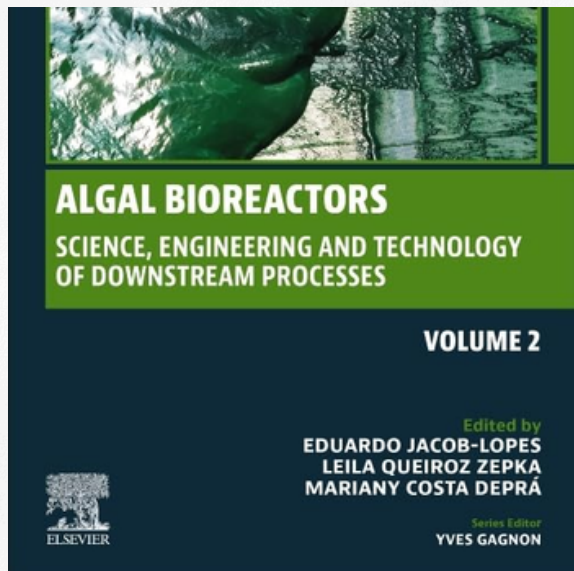
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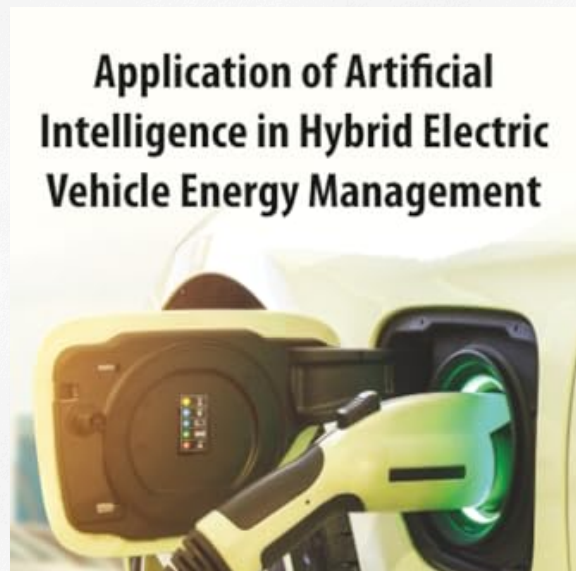
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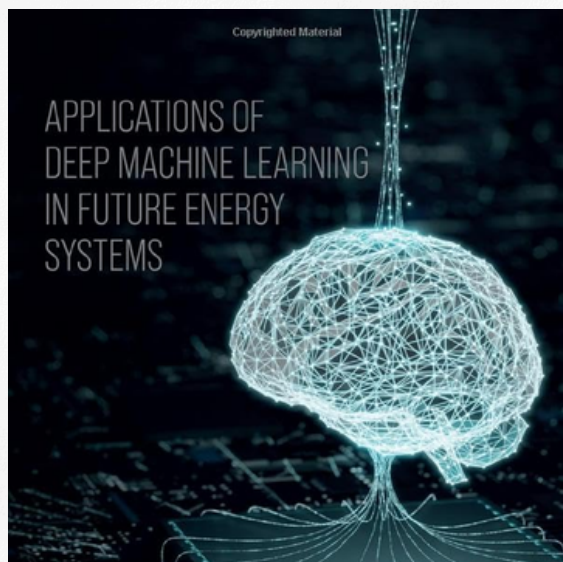
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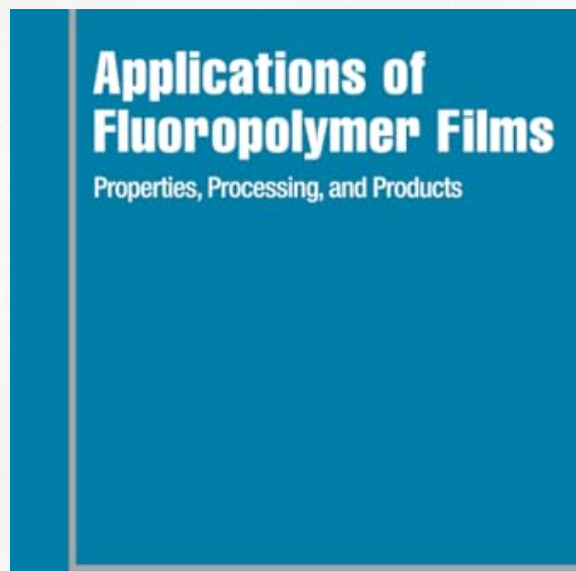
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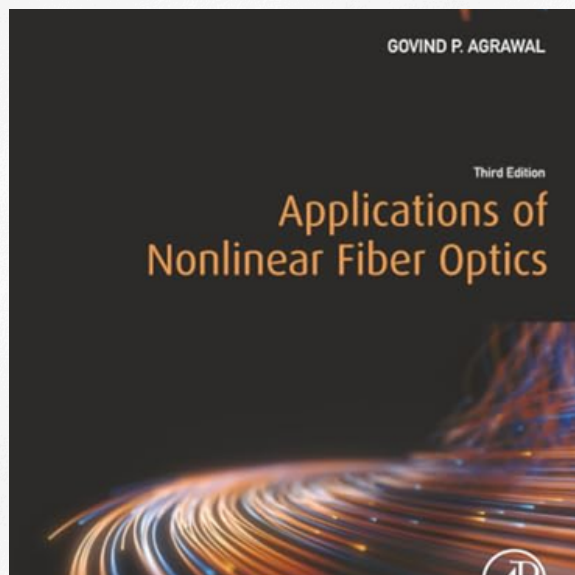


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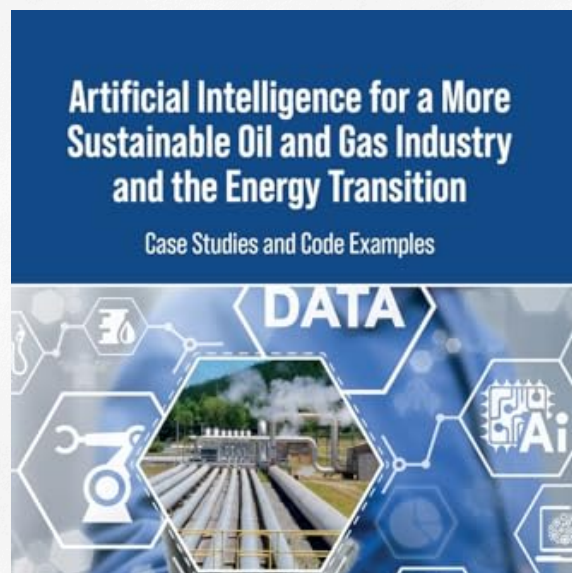
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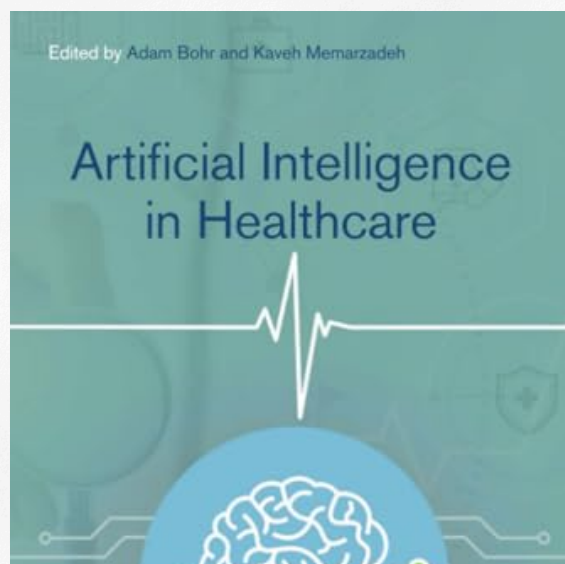
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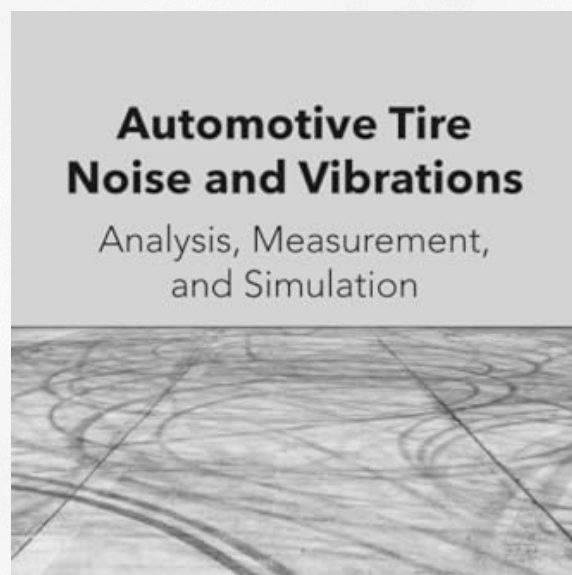
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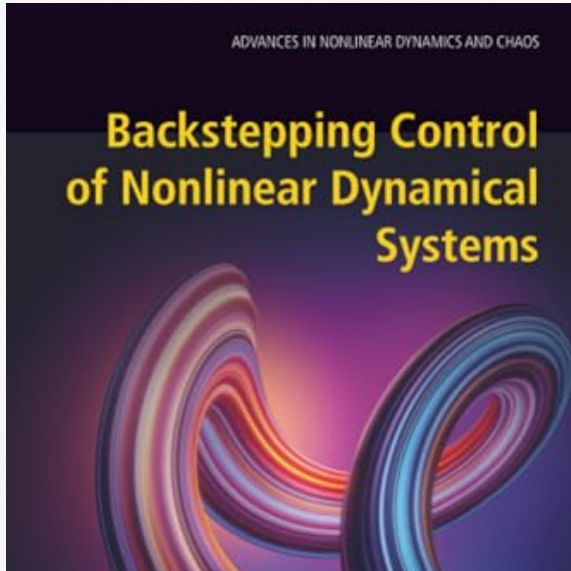


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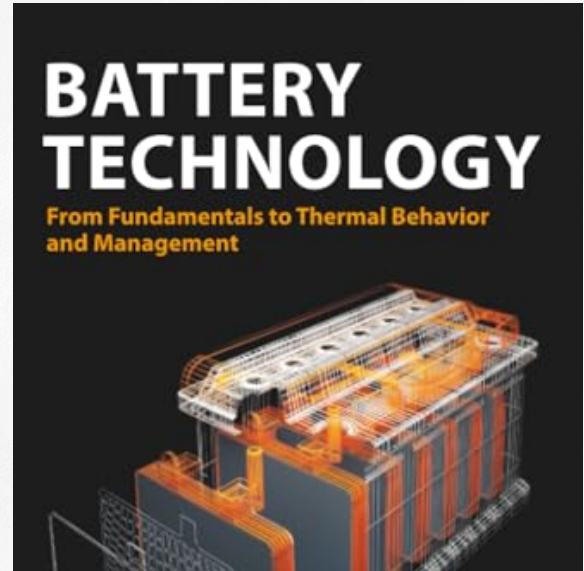
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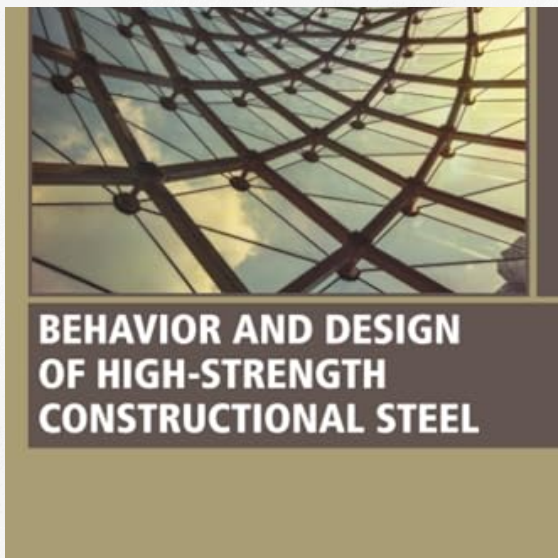
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## Bioenergy Engineering

Fundamentals, Methods, Modelling, and Applications



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## Biofuel Cells

The Design and Application of Biological Catalysts



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## BIOFUELS AND BIOENERGY

BIOREFINERY AND CIRCULAR BIOECONOMY APPROACHES

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## BIOFUELS AND SUSTAINABILITY

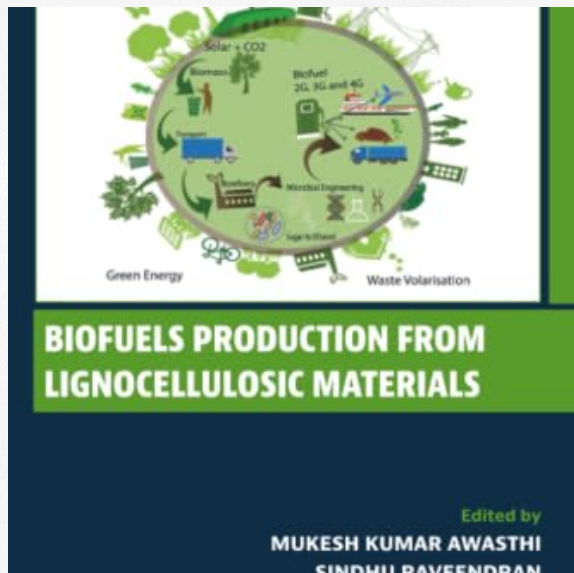
LIFE CYCLE ASSESSMENTS, SYSTEM BIOLOGY, POLICIES, AND EMERGING TECHNOLOGIES

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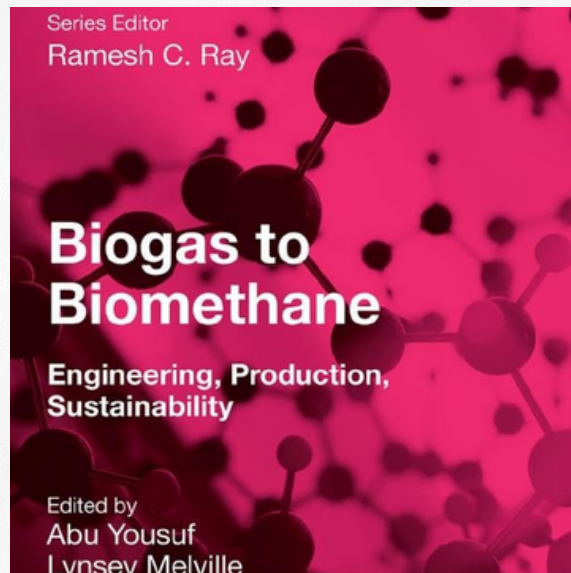
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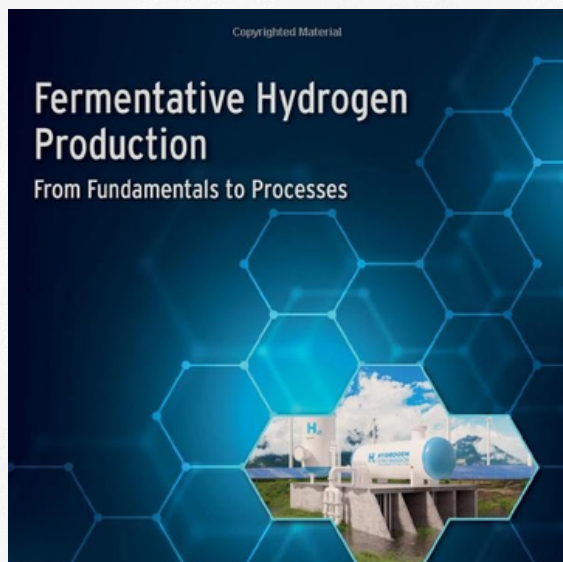
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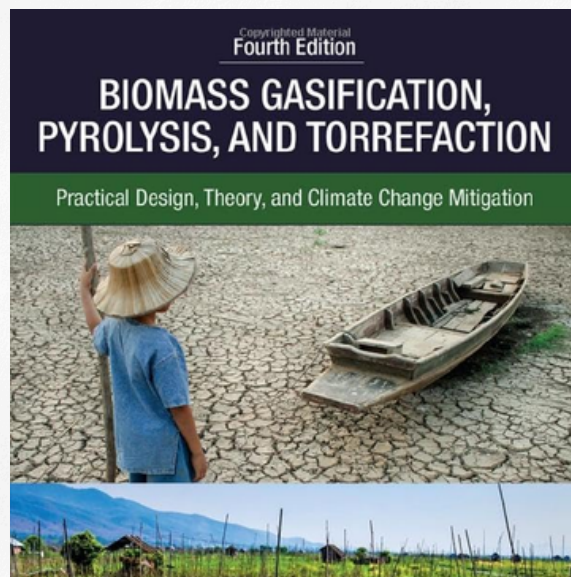
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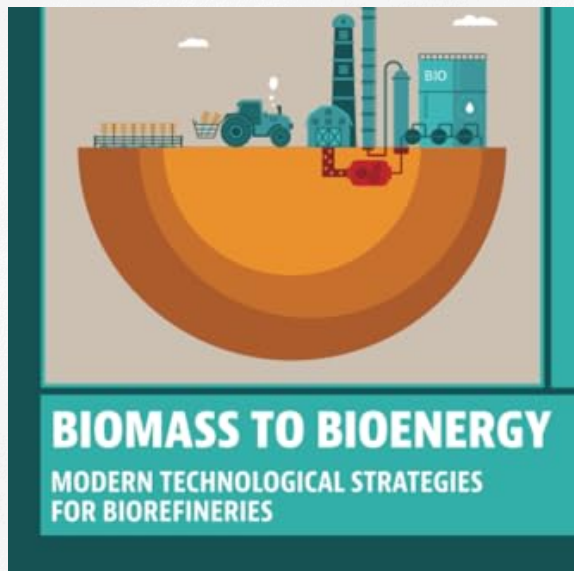
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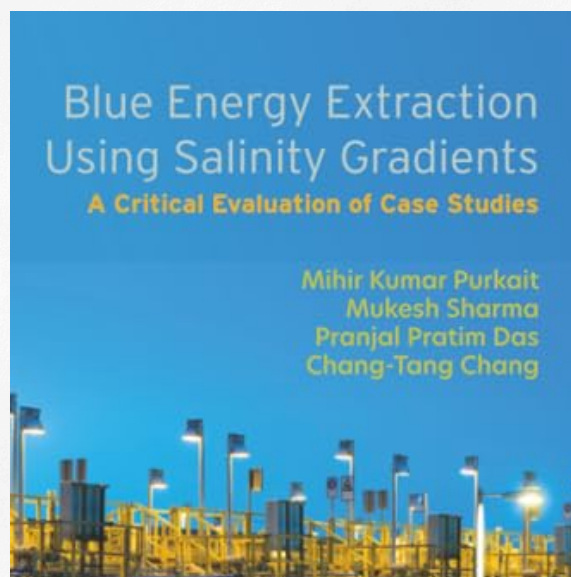
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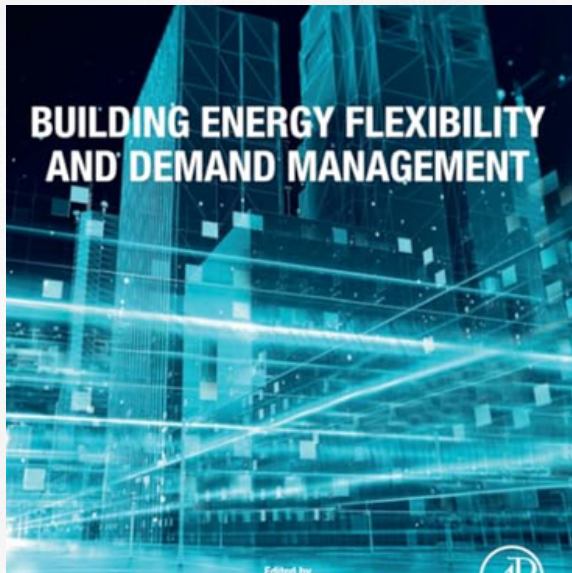
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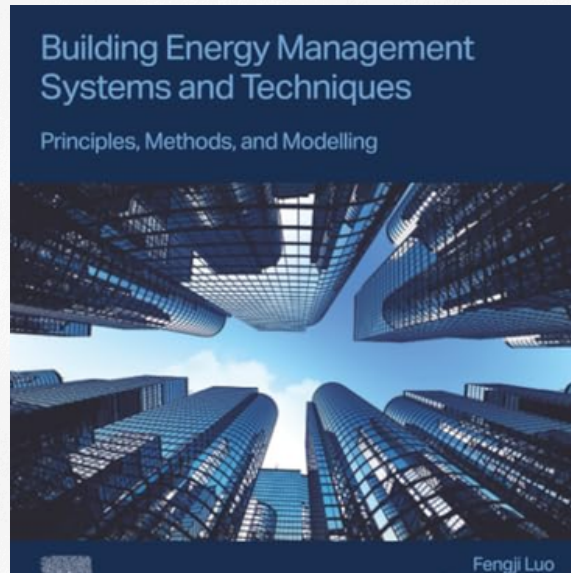
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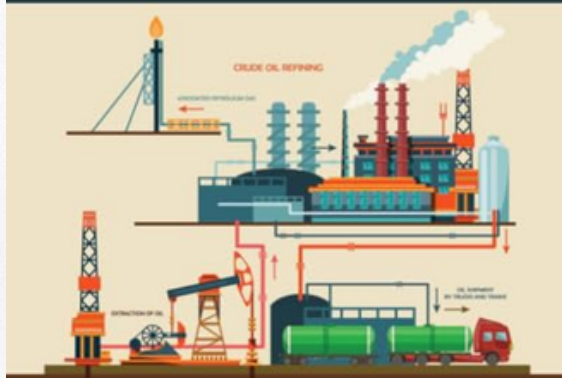


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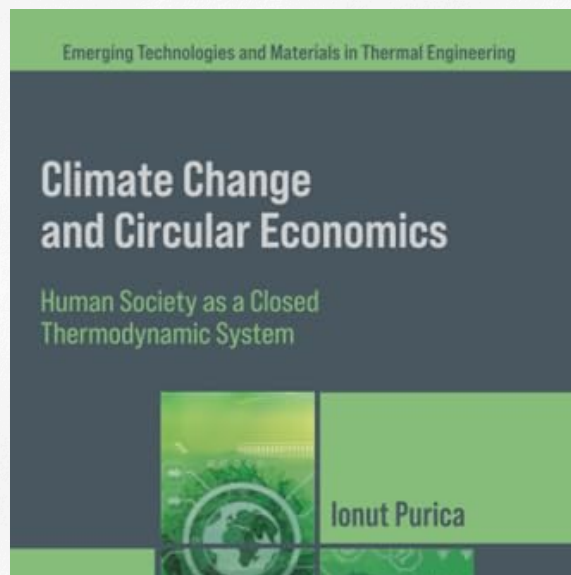


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**Challenges and Recent Advances  
in Sustainable Oil and Gas  
Recovery and Transportation**



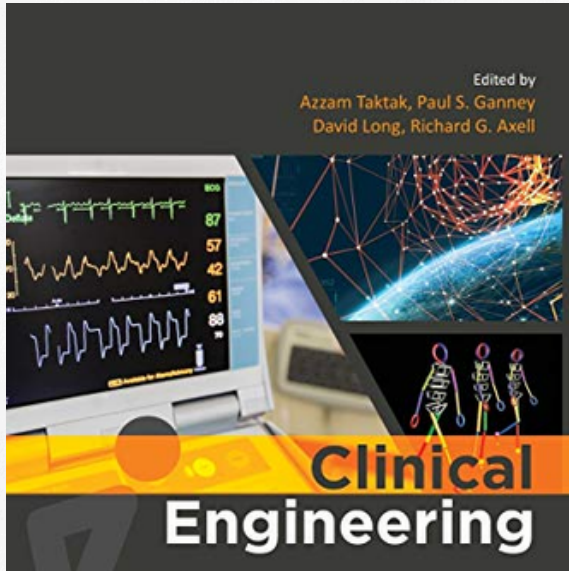
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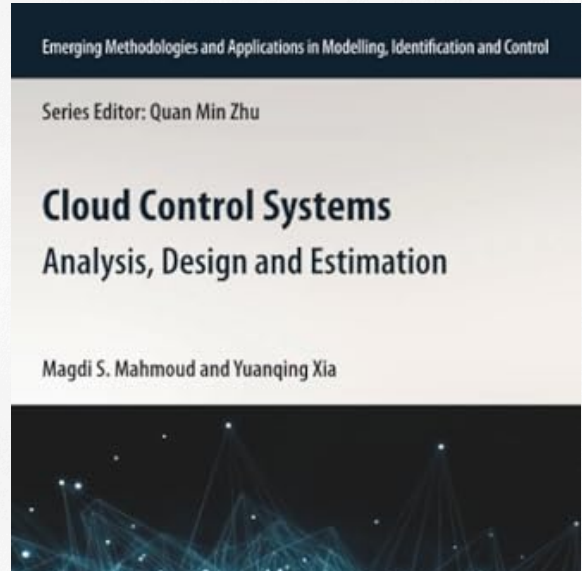
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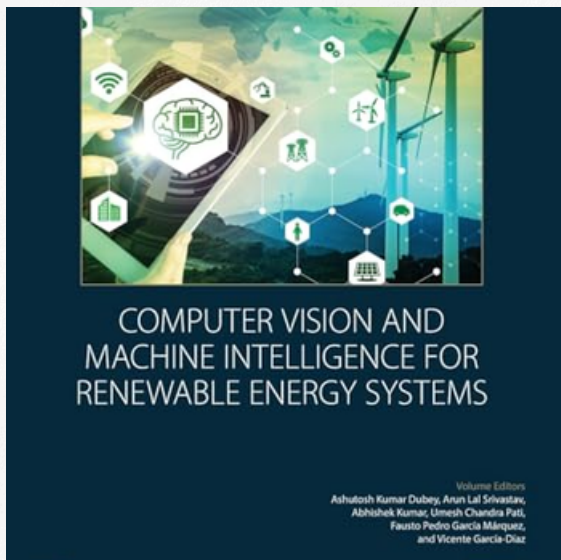
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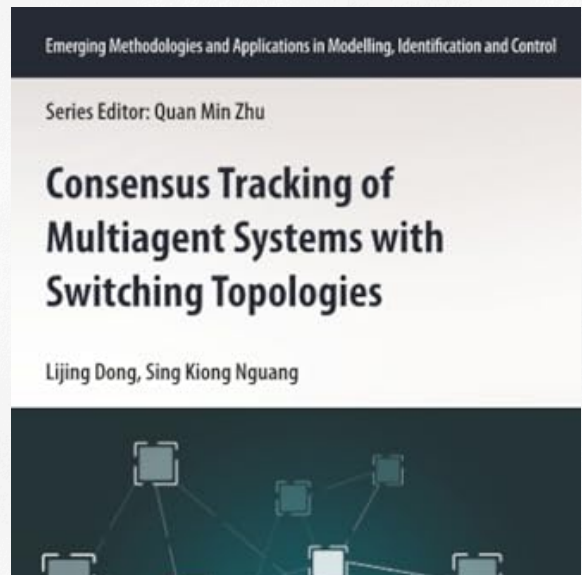
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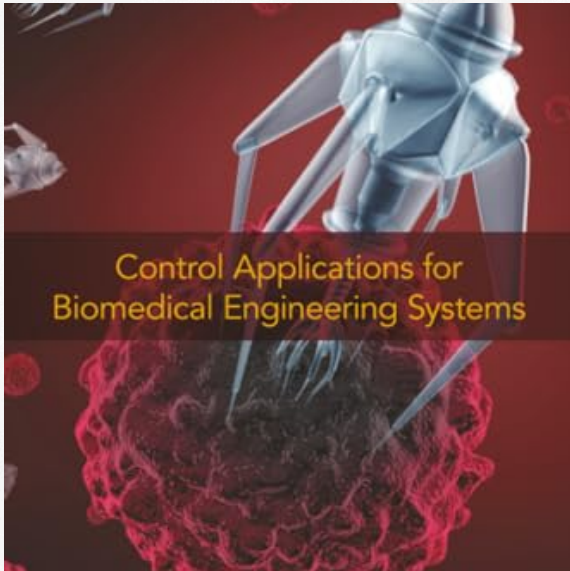
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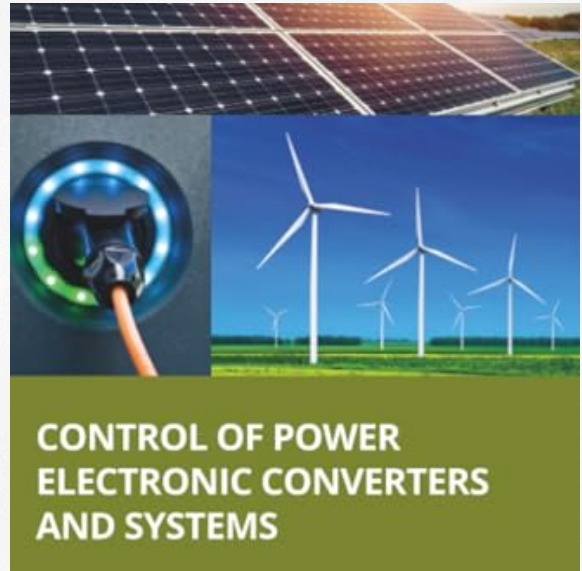
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Control Applications for  
Biomedical Engineering Systems

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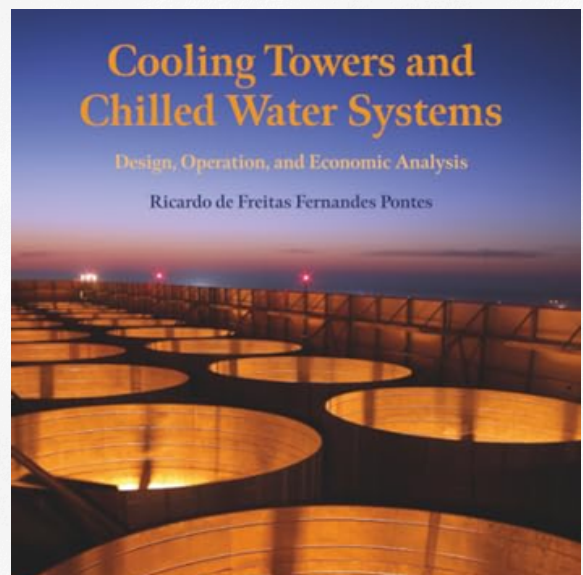
CONTROL OF POWER  
ELECTRONIC CONVERTERS  
AND SYSTEMS

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Control Systems Design of  
Bio-Robotics and Bio-Mechatronics  
with Advanced Applications

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Cooling Towers and  
Chilled Water Systems

Design, Operation, and Economic Analysis

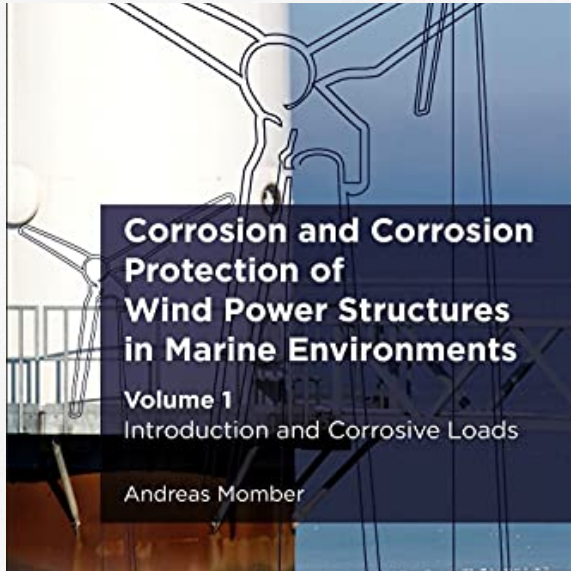
Ricardo de Freitas Fernandes Pontes

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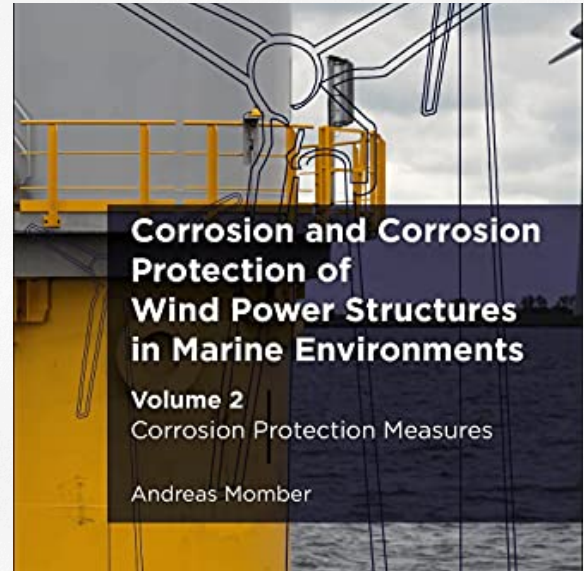
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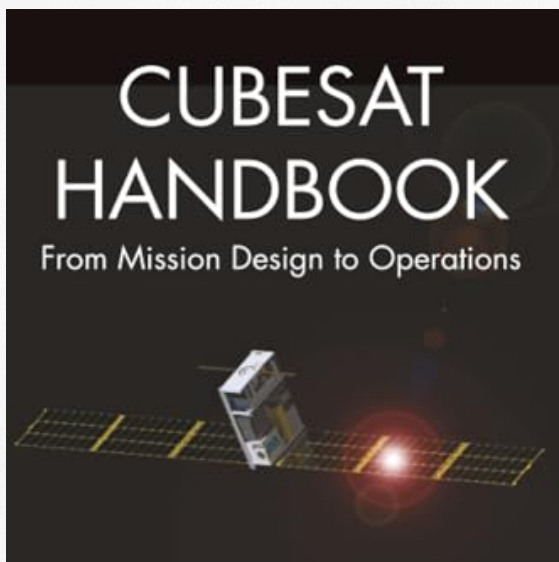
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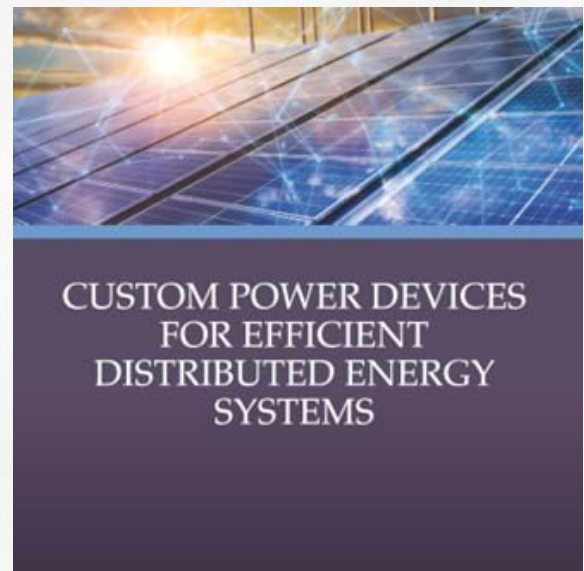
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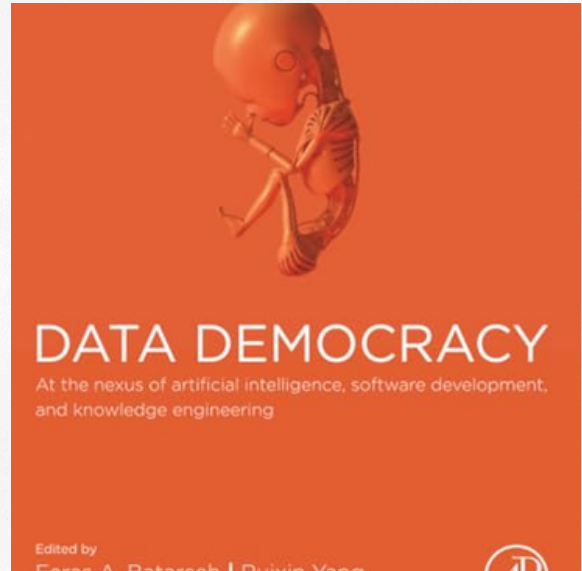
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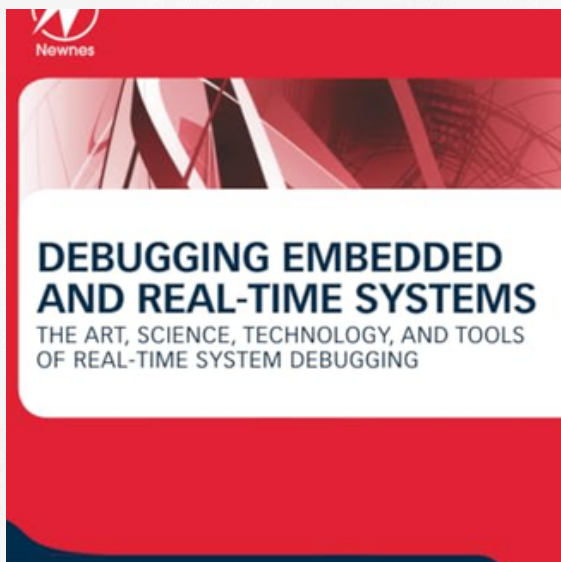
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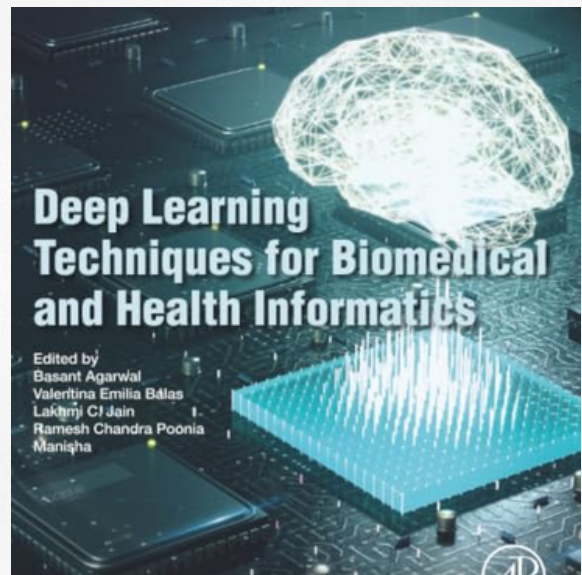
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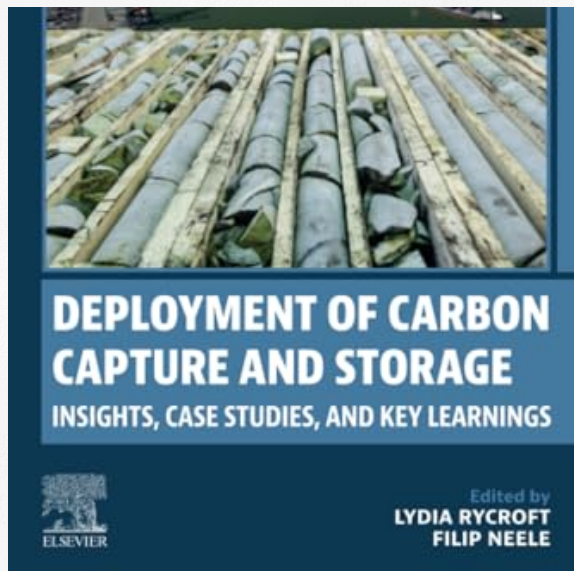


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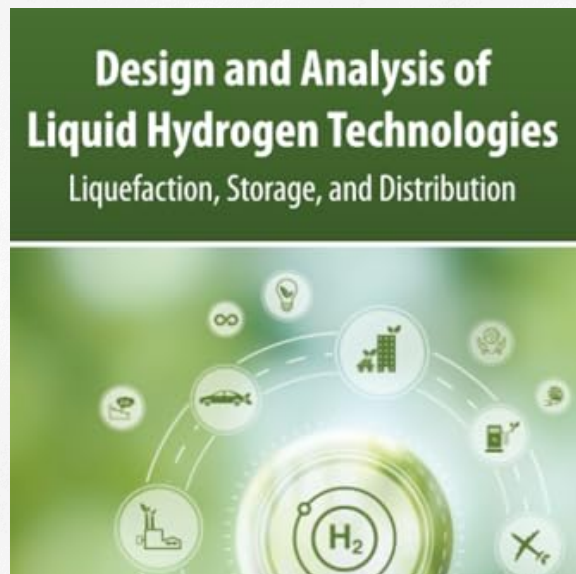
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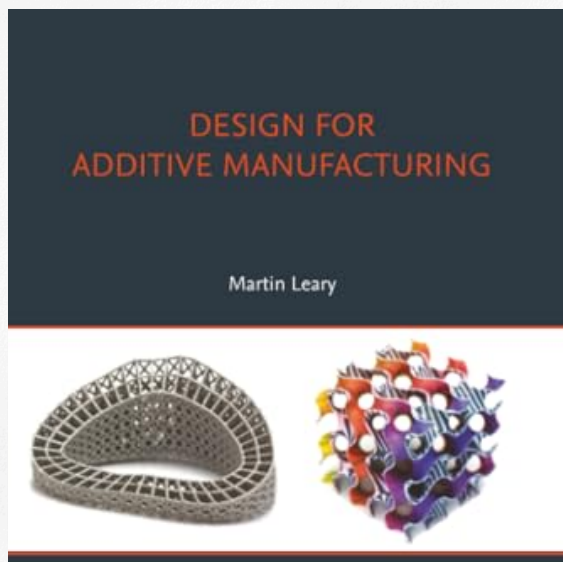
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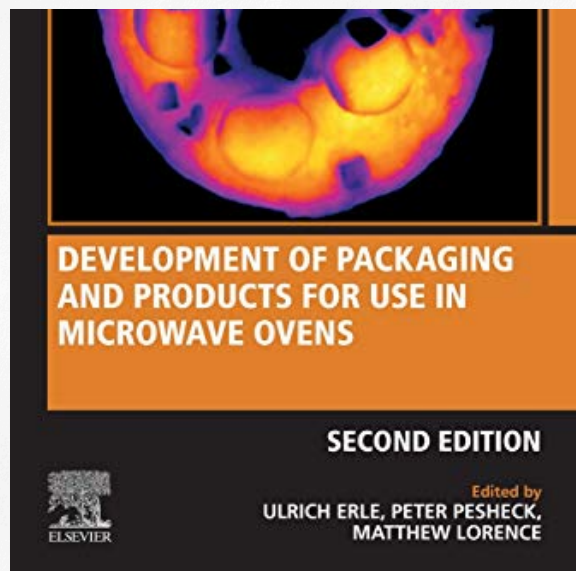
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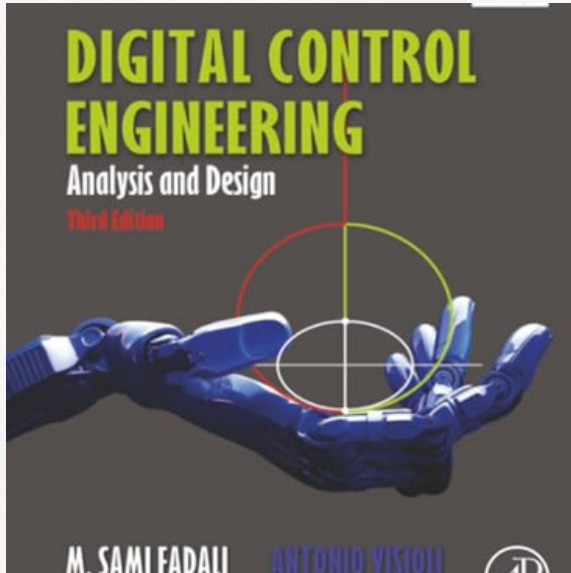
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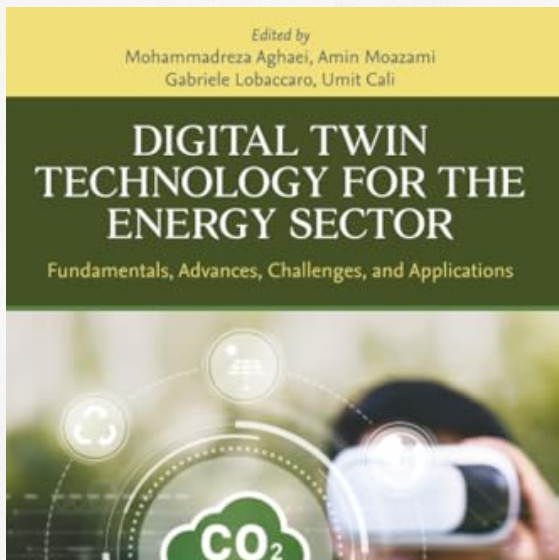
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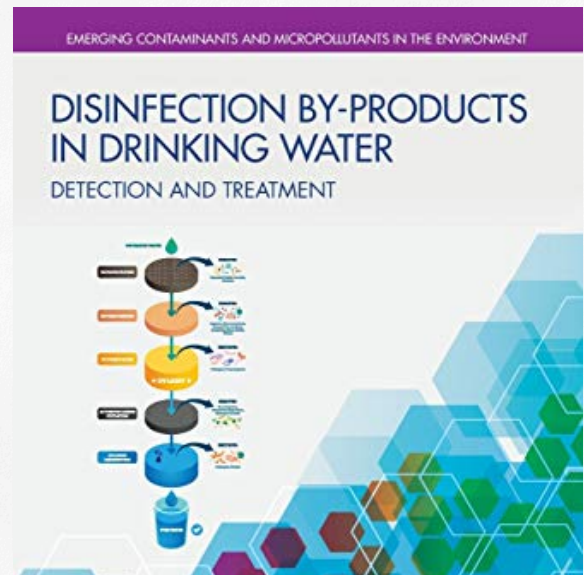
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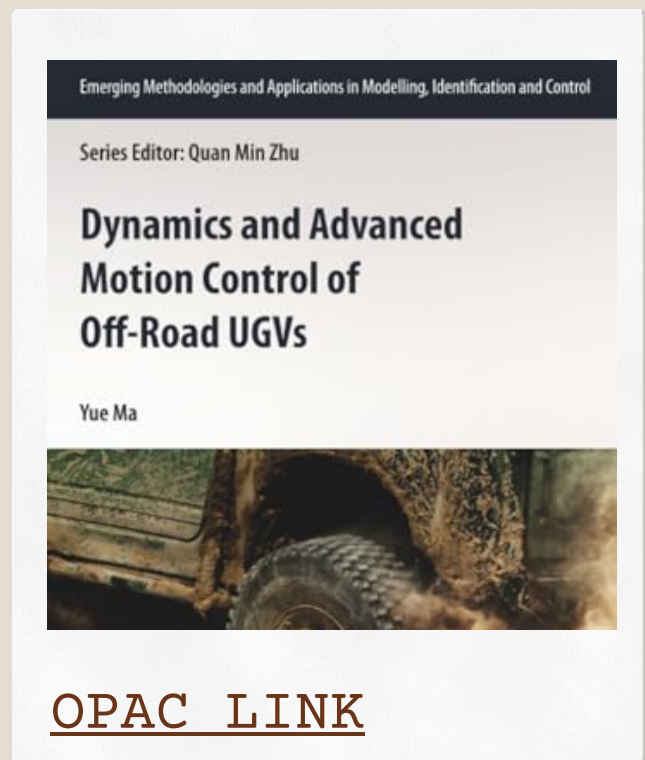
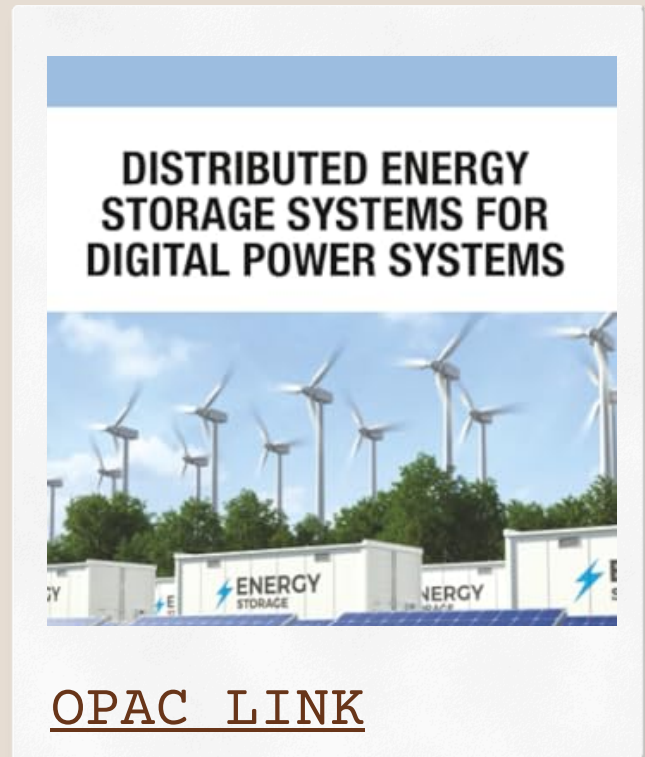
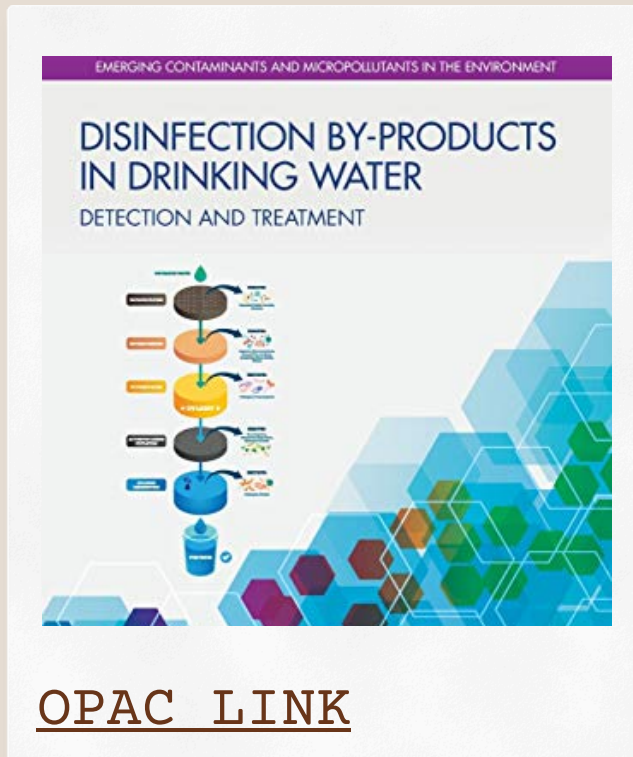


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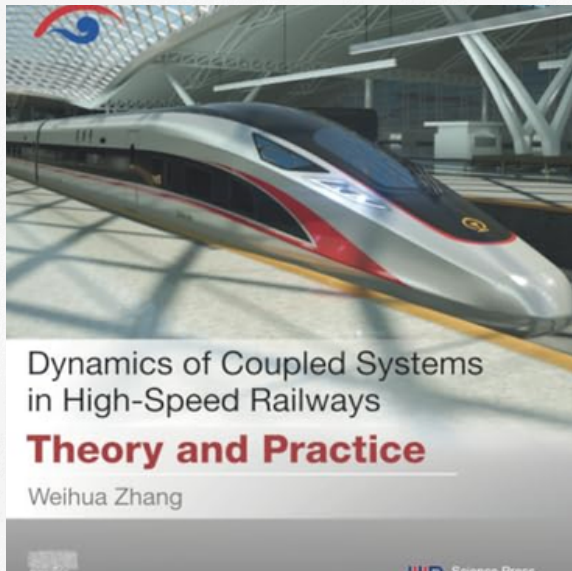
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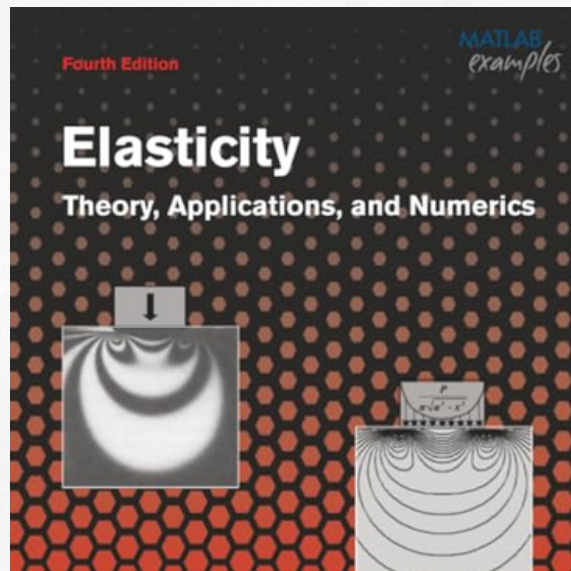


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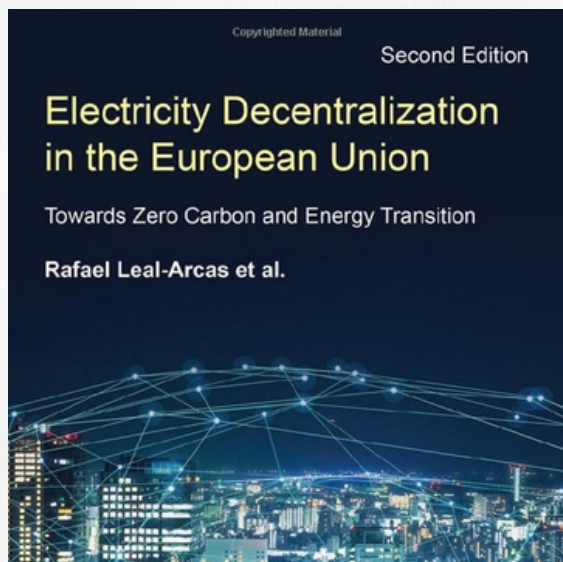
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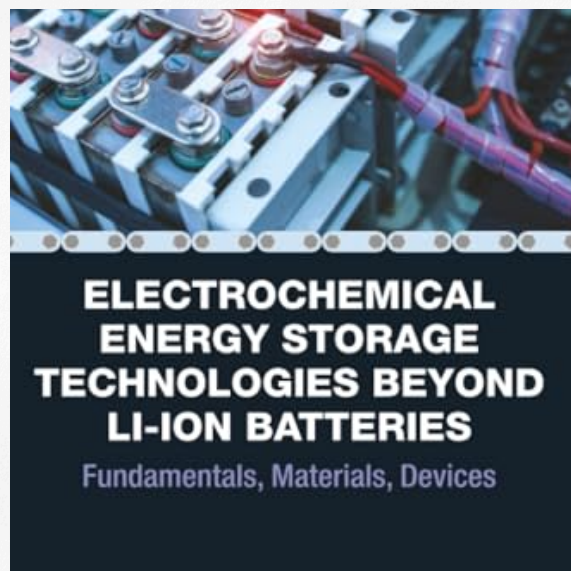
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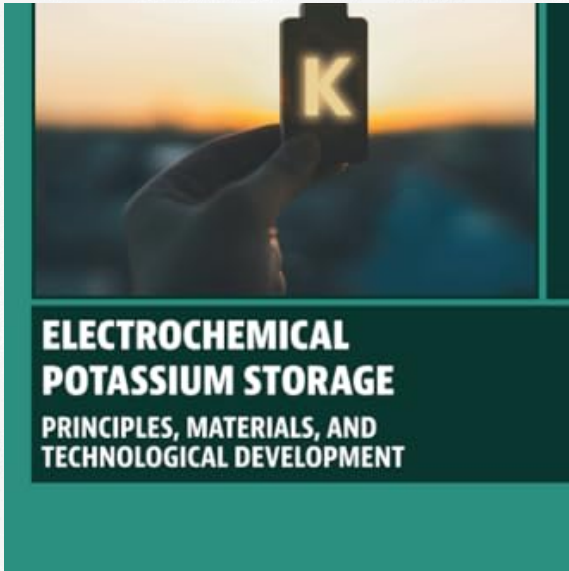
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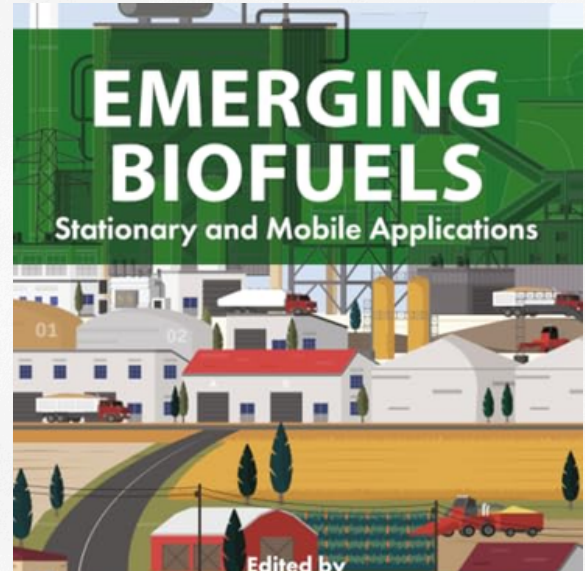
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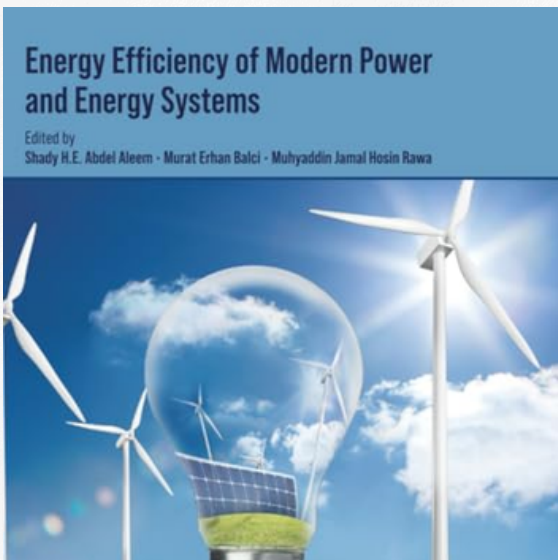
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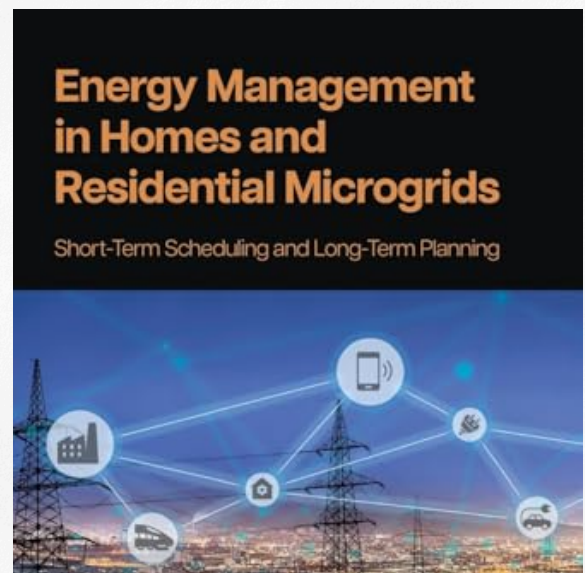
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## Energy Poverty in China

Evaluation and Alleviation



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ODNE STOKKE BURHEIM AND JACOB JOSEPH LAMB



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## Exergy Analysis of Heating and Cooling



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## Feedstock Technology for Reactive Metal Injection Molding

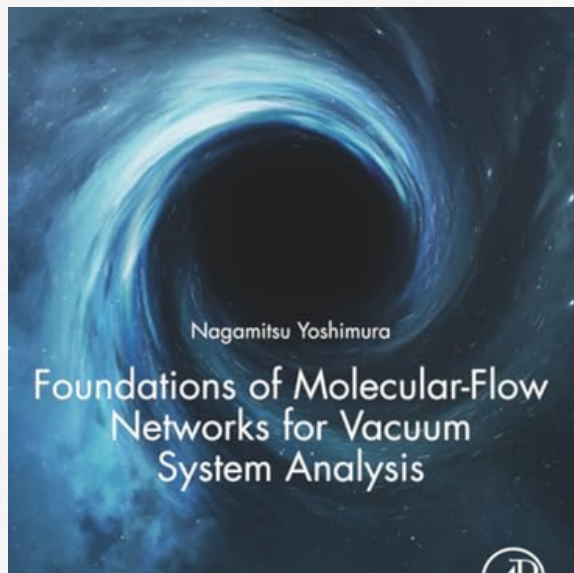
Process, Design, and Application



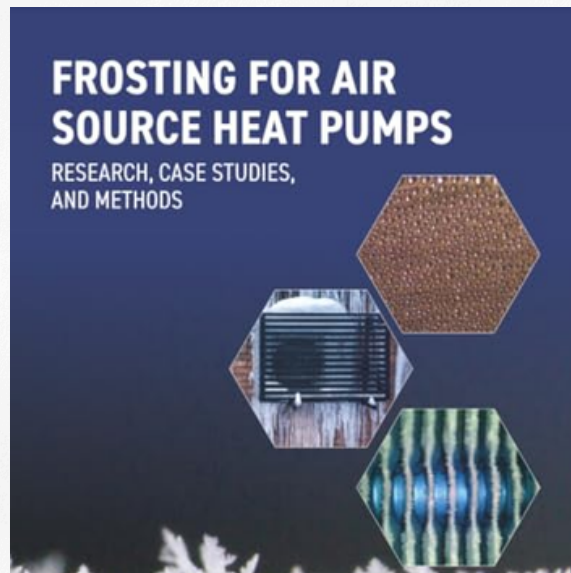
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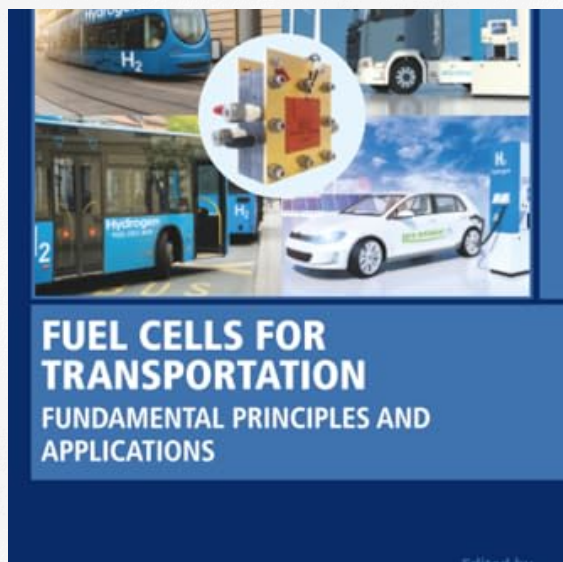
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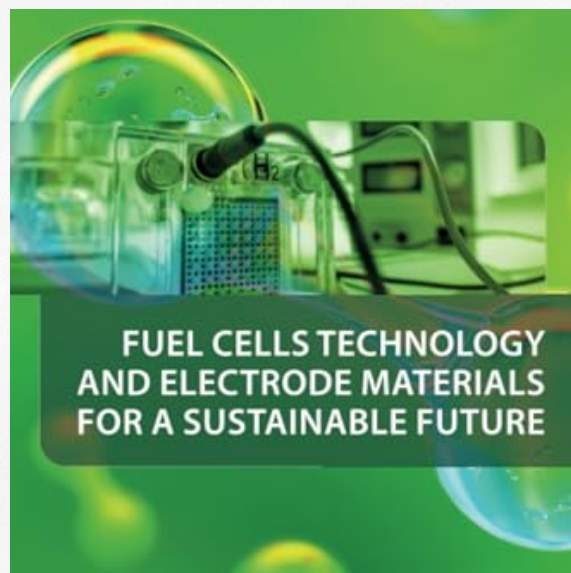
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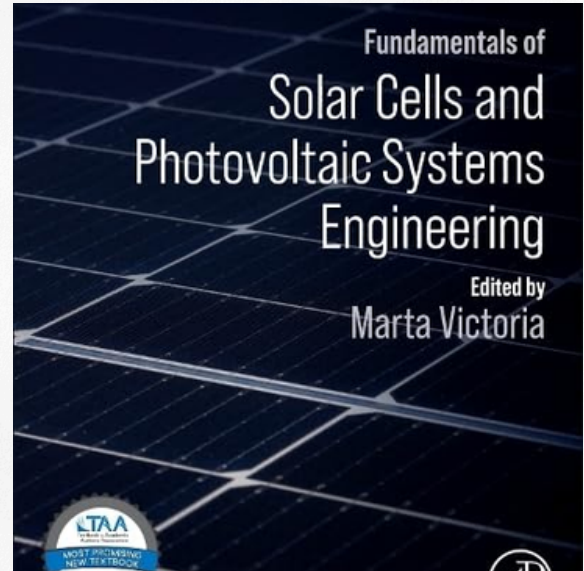
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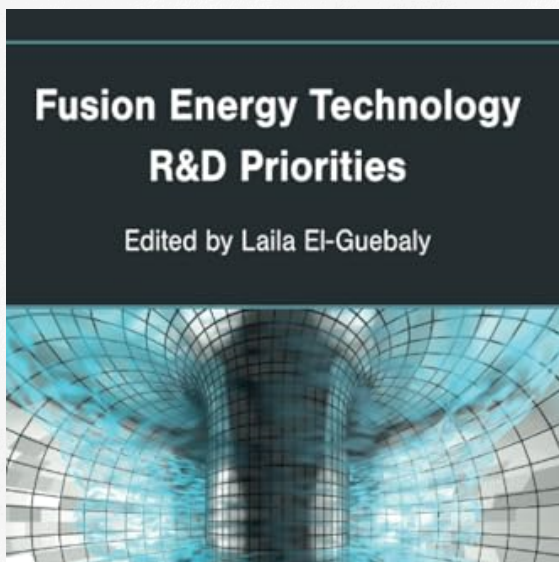
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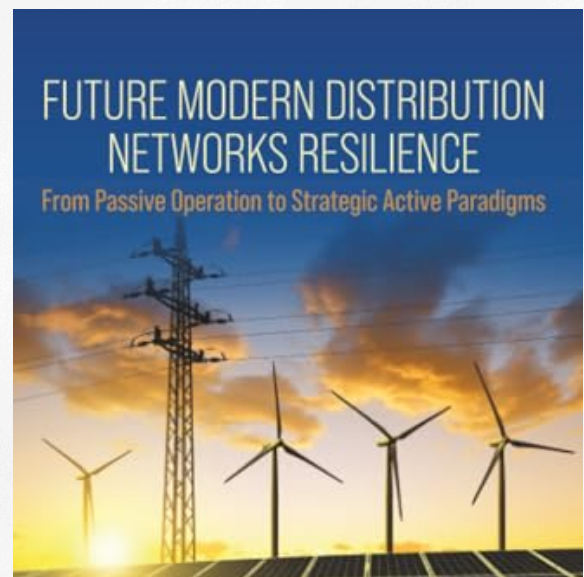
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**Future Power System  
Elements, Challenges,  
and Solutions**

Gevork B. Gharehpetian, Mahdi Zolfaghari  
and Navid Bayati



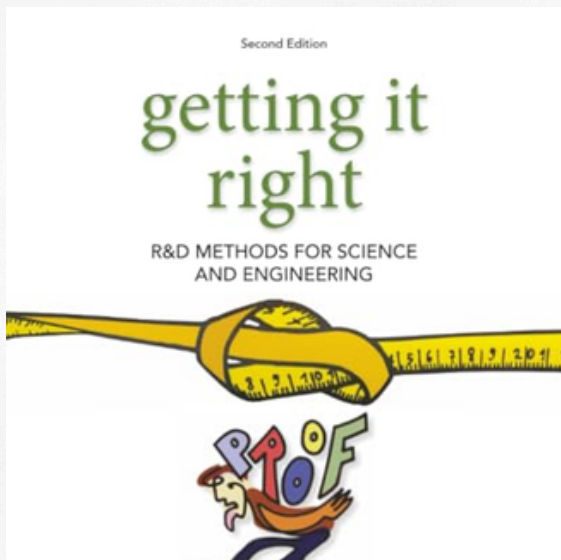
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**GEOHERMAL POWER  
GENERATION**  
DEVELOPMENTS AND INNOVATION

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Second Edition  
**getting it  
right**

R&D METHODS FOR SCIENCE  
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**GLOBAL PROGRESS  
ON MOLTEN SALT REACTORS**  
A COMPANION TO DOLAN'S MOLTEN SALT  
REACTORS AND THORIUM ENERGY

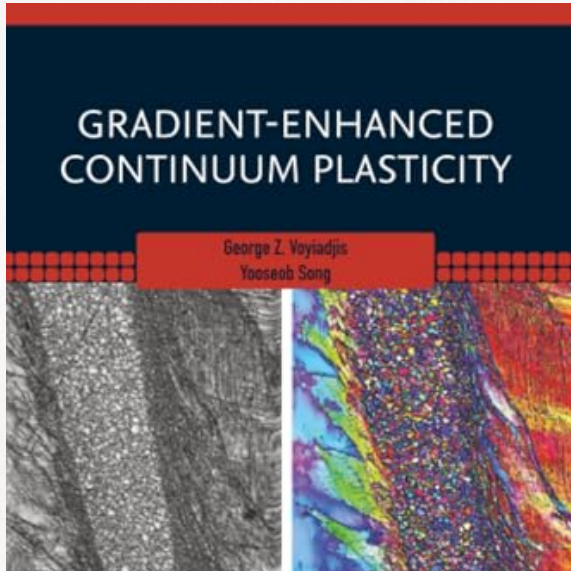
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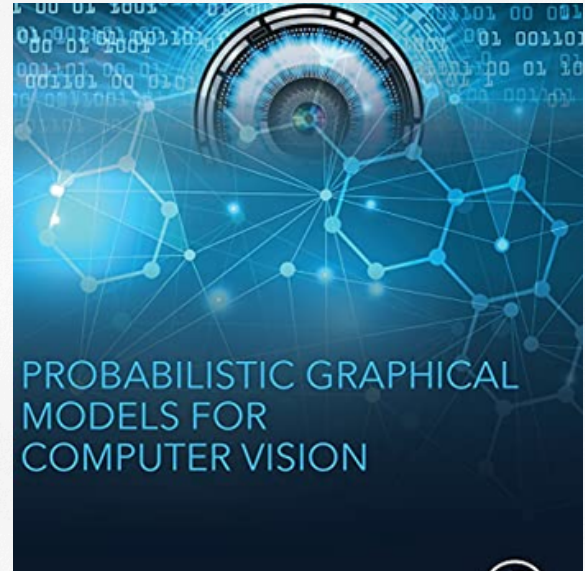
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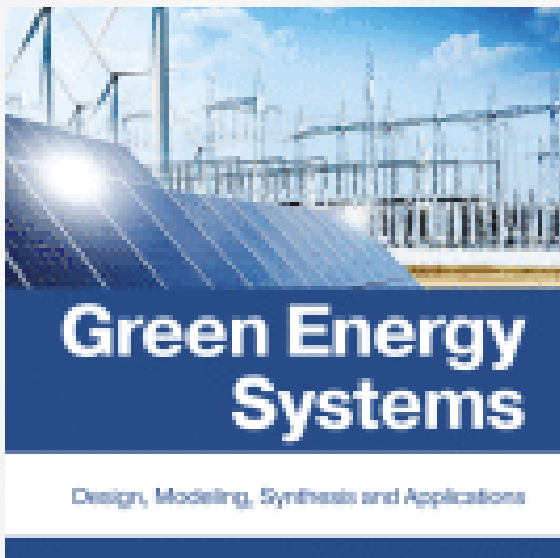
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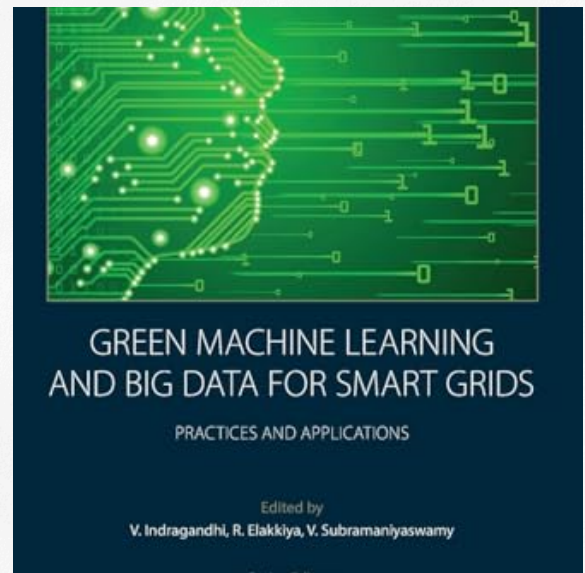
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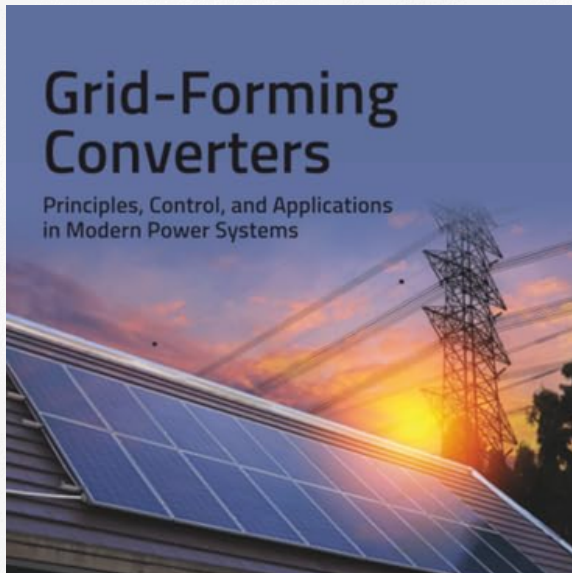
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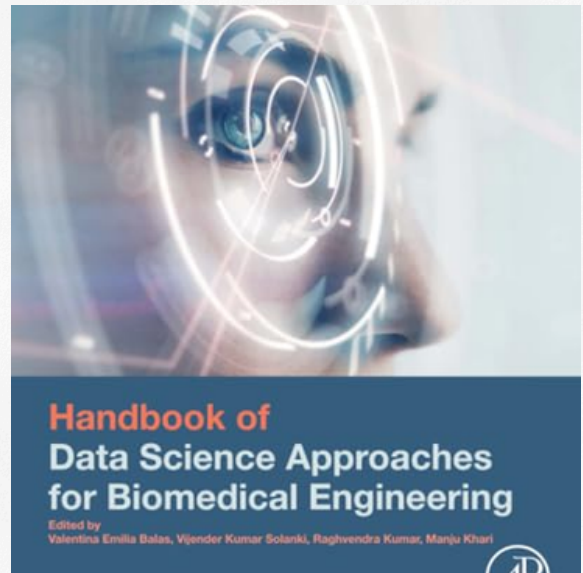
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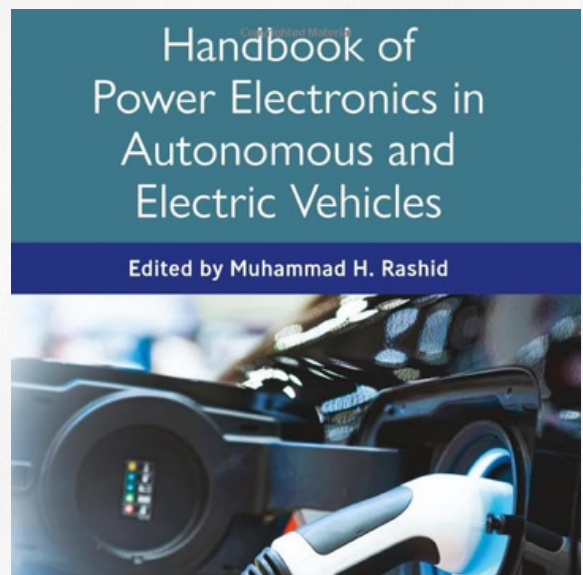
## Handbook of Natural Fibres

Volume 1: Types, Properties and Factors  
Affecting Breeding and Cultivation



THE TEXTILE INSTITUTE BOOK

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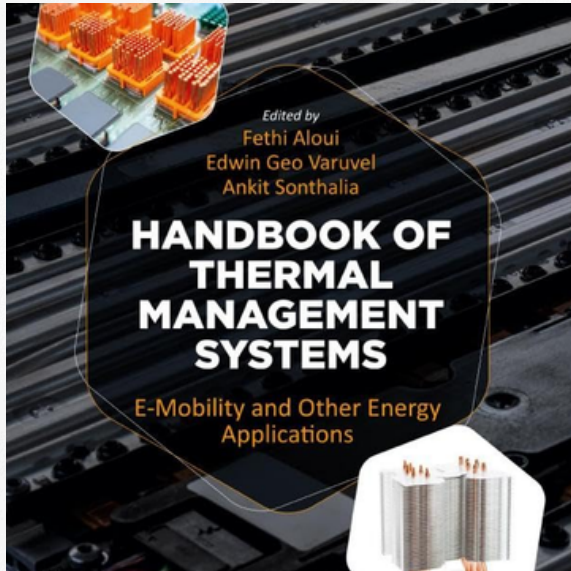


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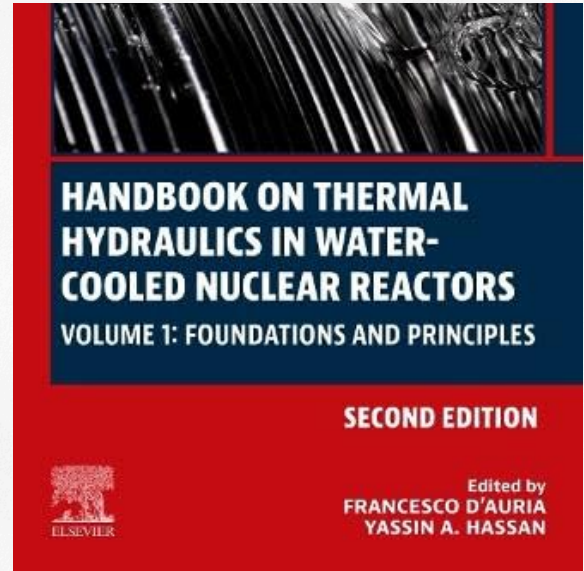
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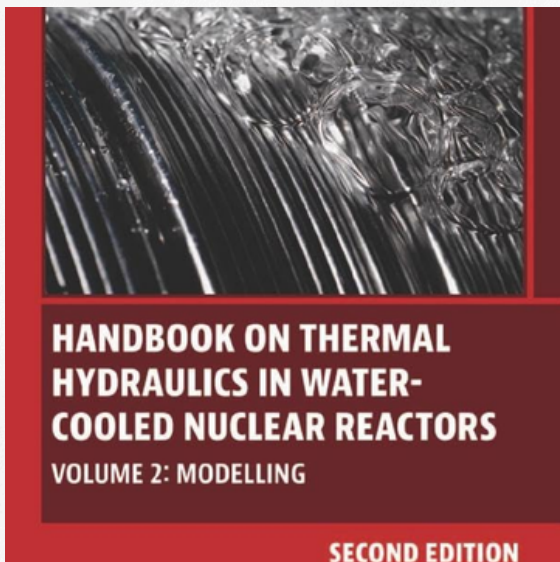
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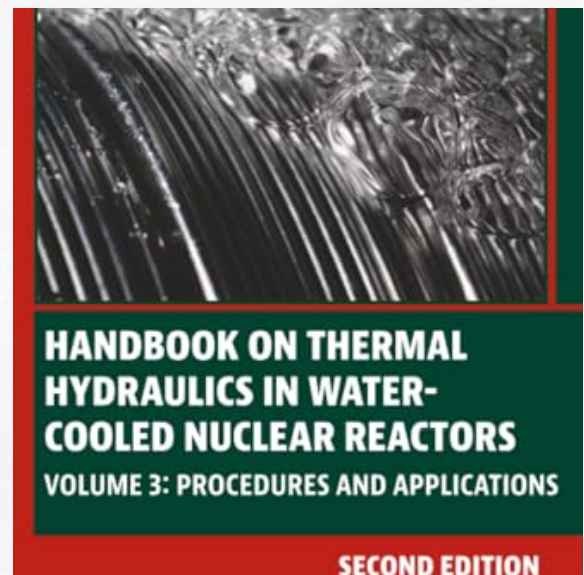
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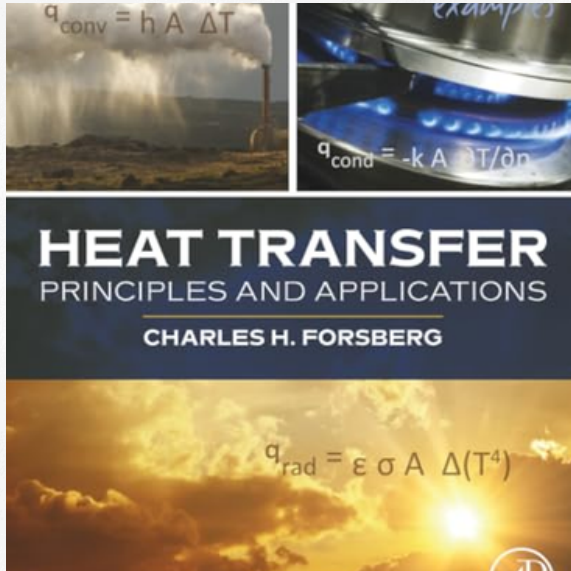


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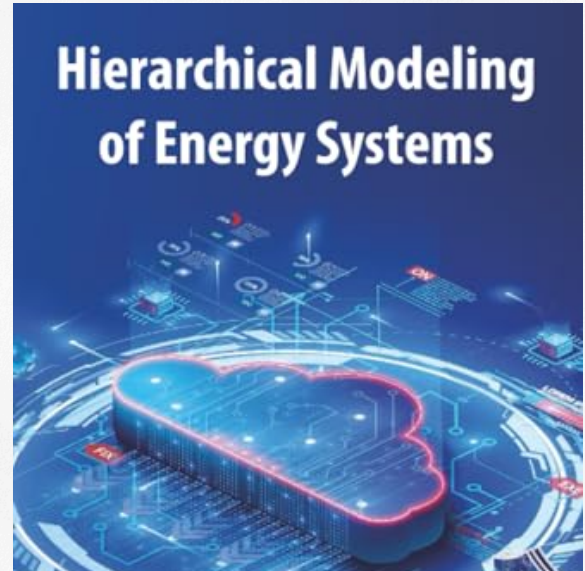
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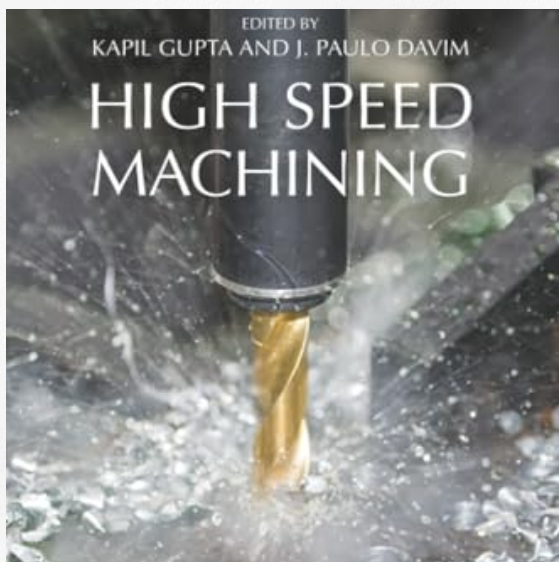
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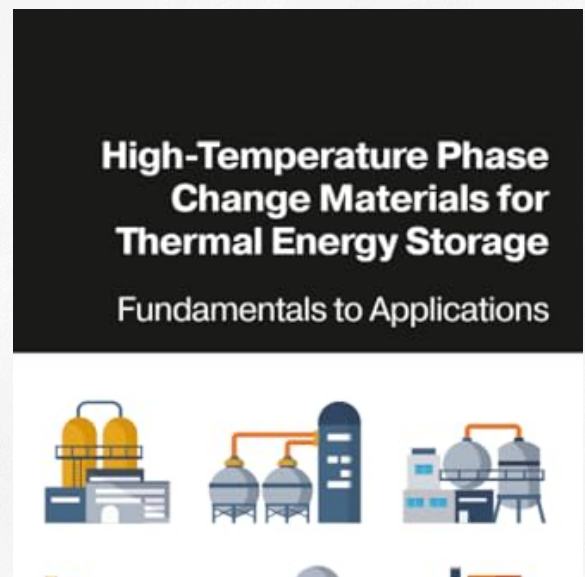
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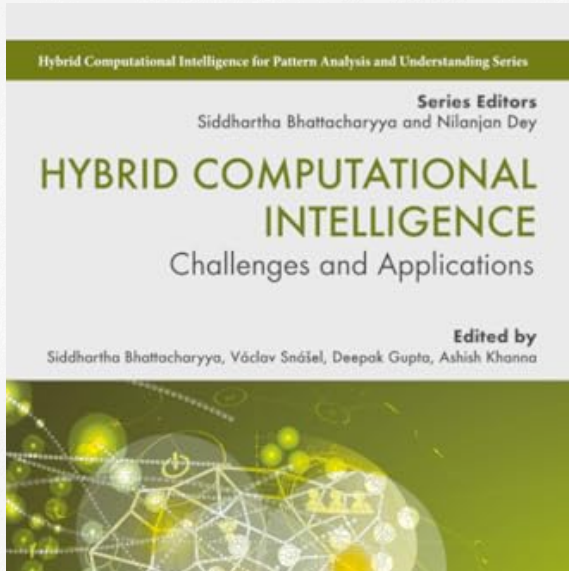


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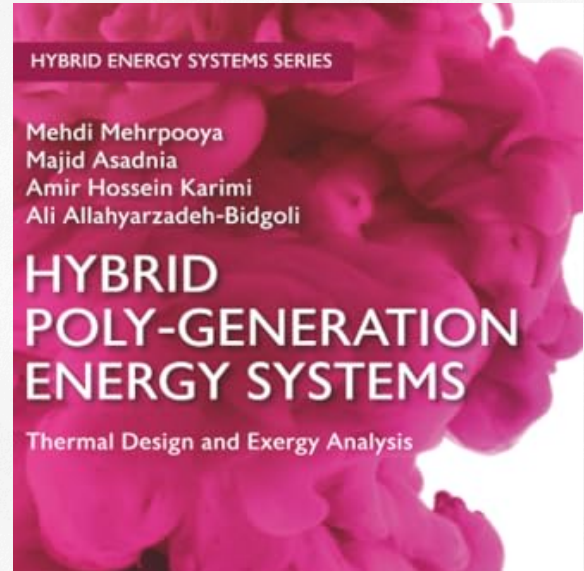
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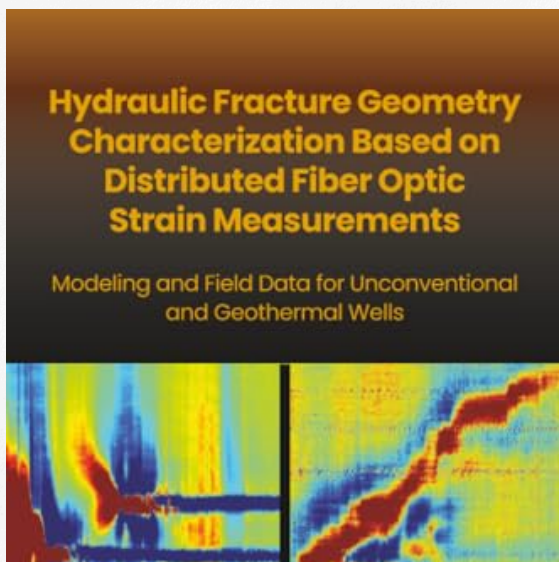
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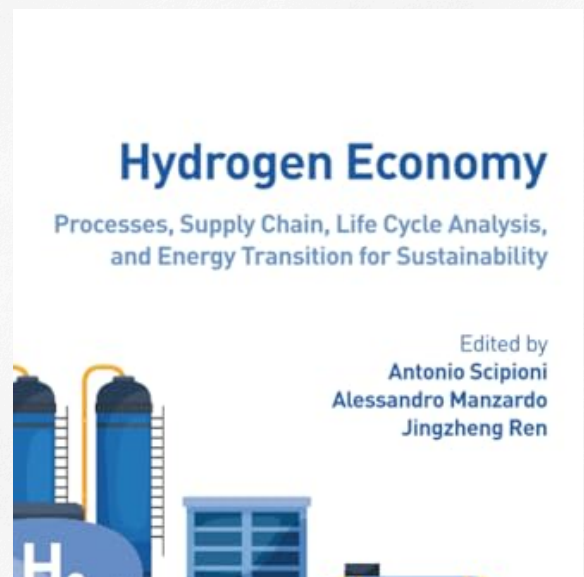
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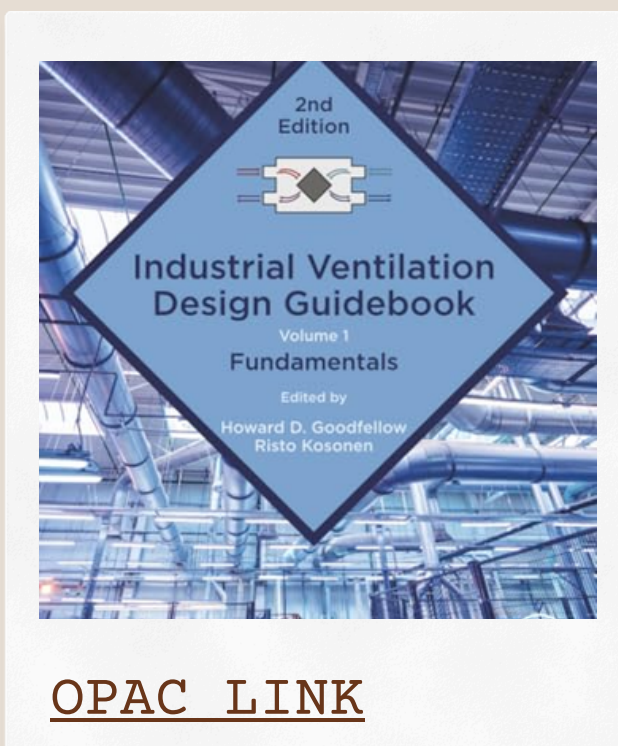
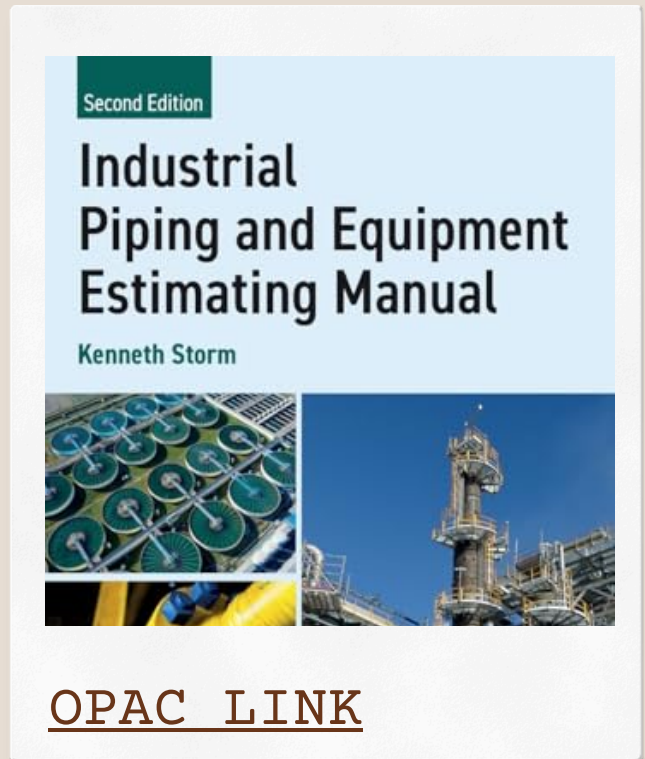
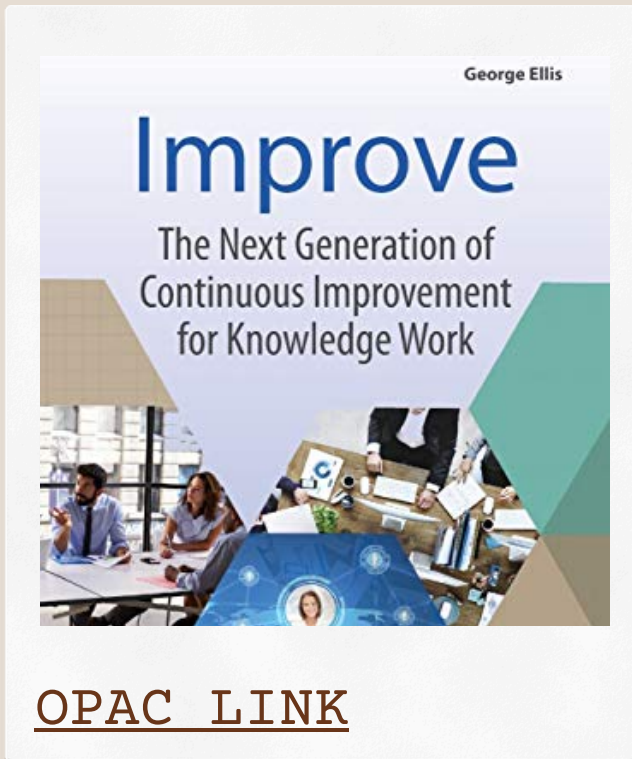
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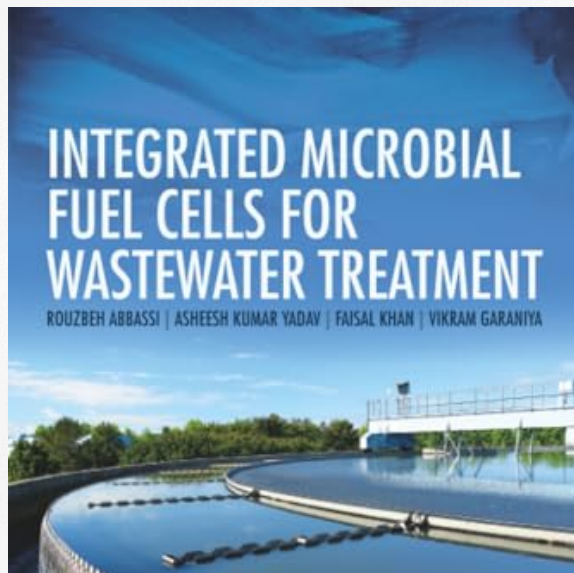
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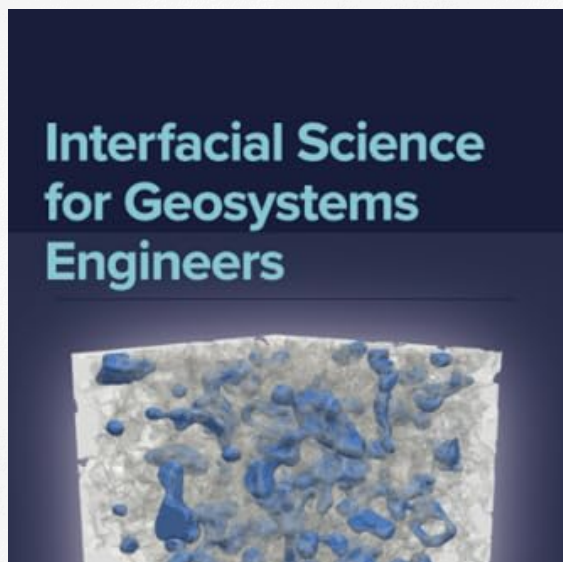
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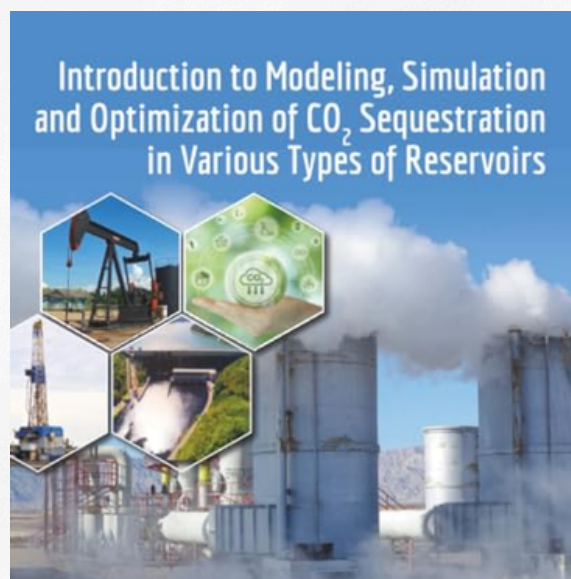
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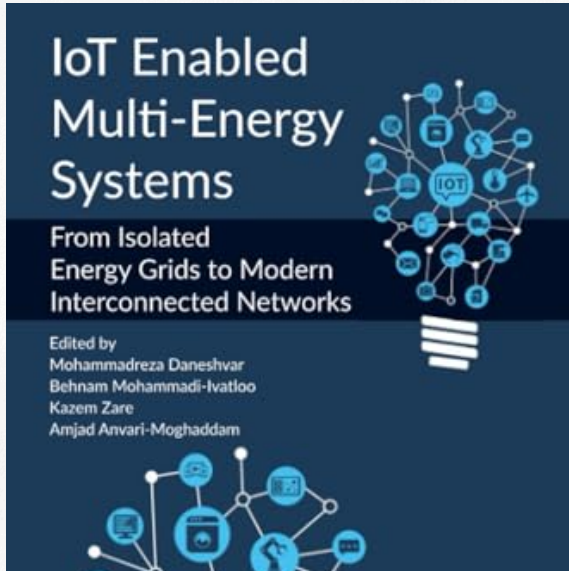


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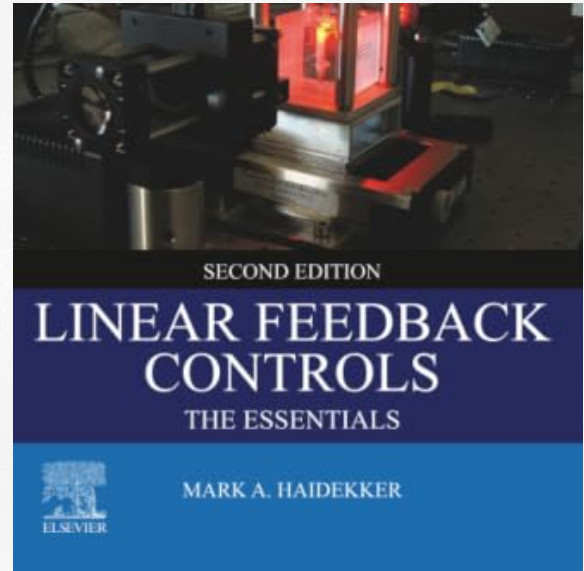
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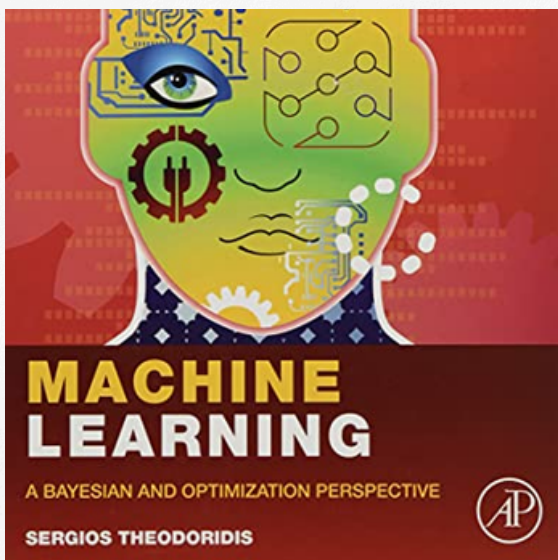
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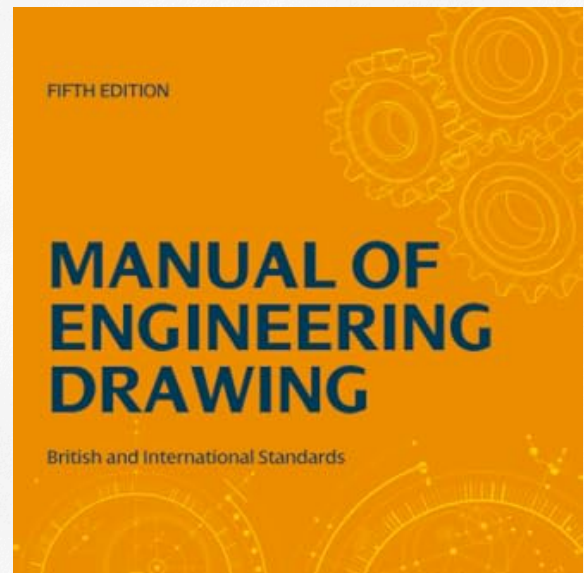
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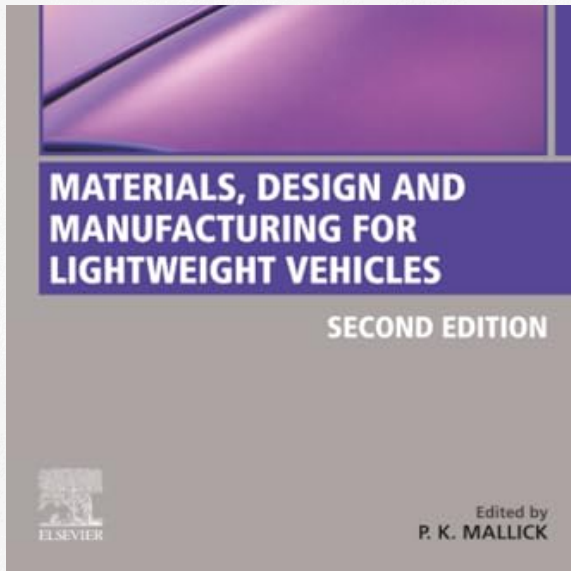
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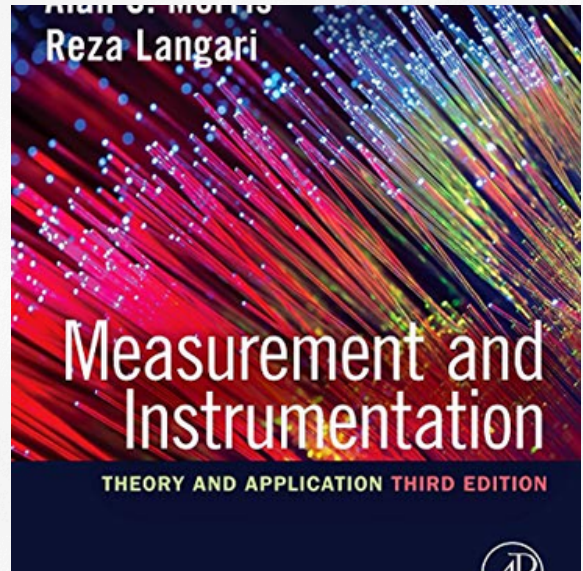
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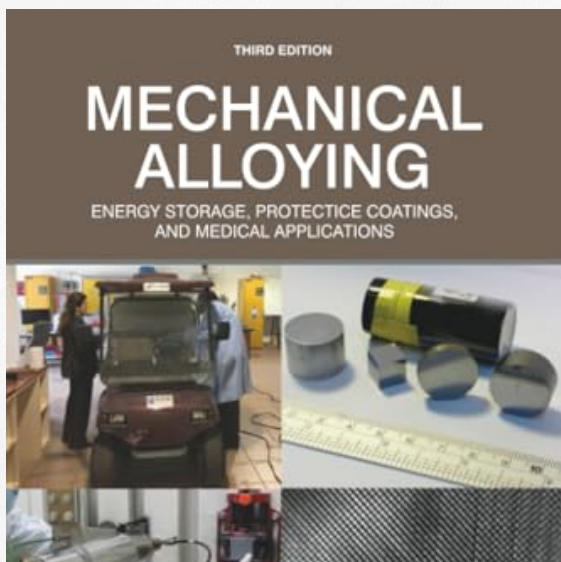
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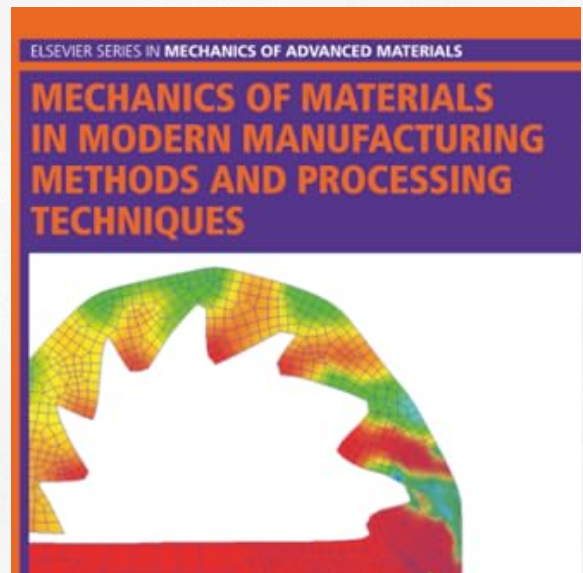
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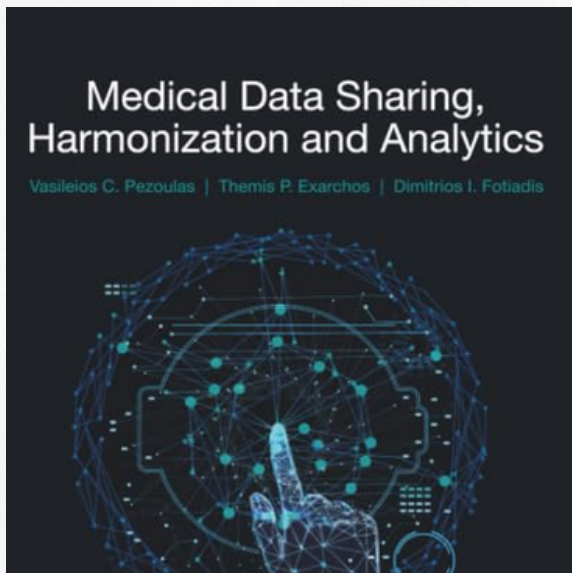
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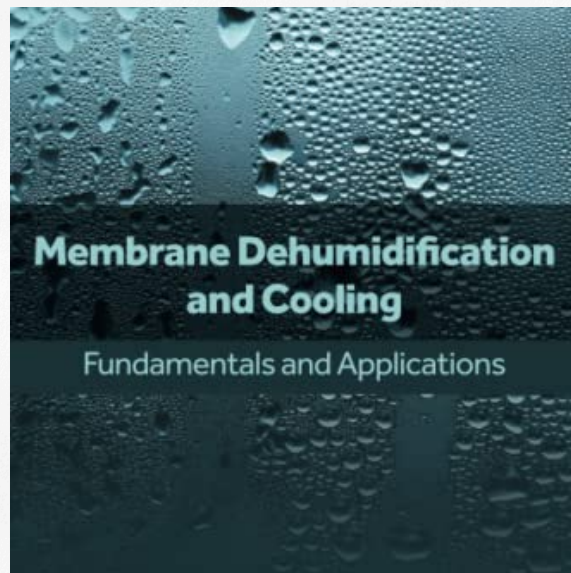
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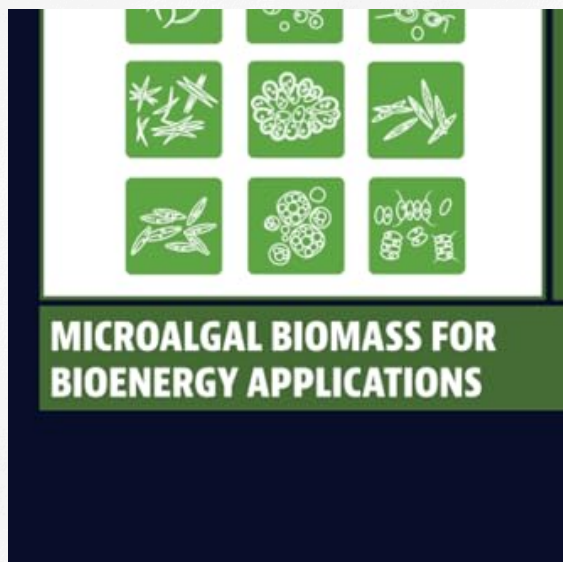
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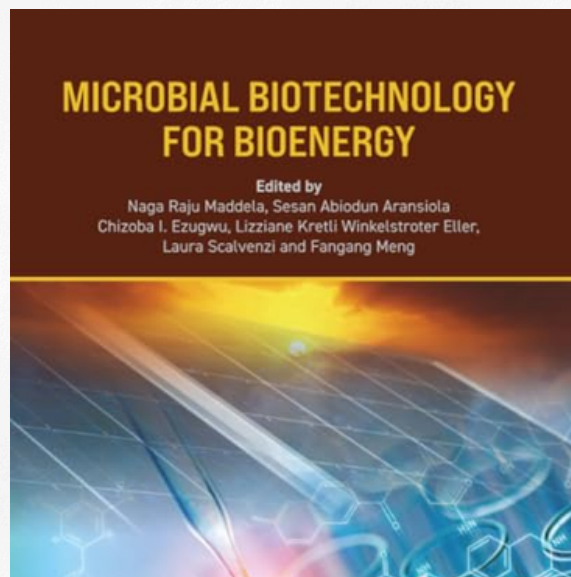
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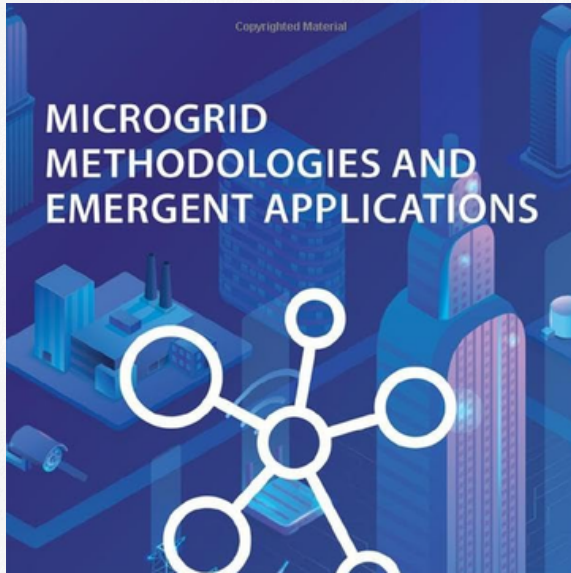
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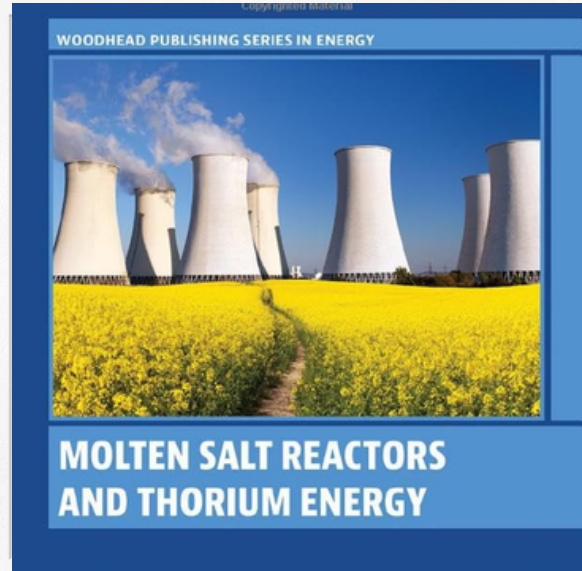
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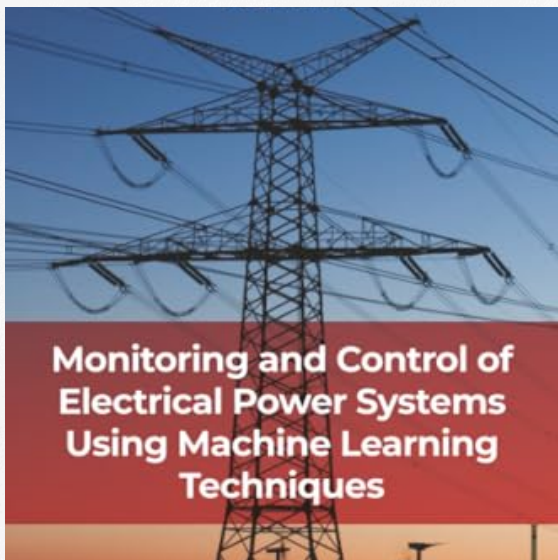
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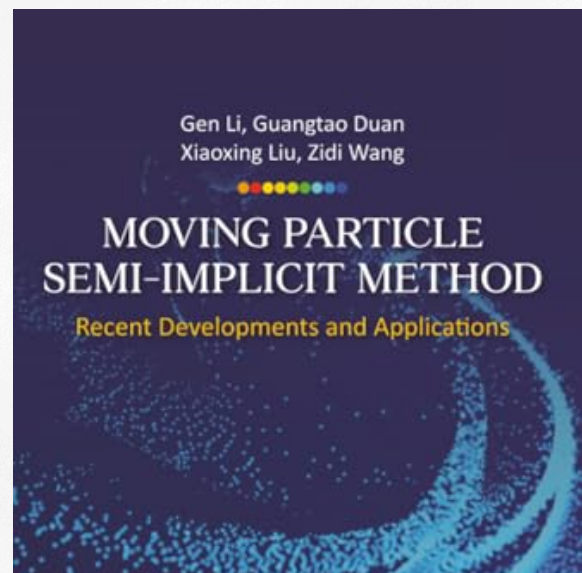
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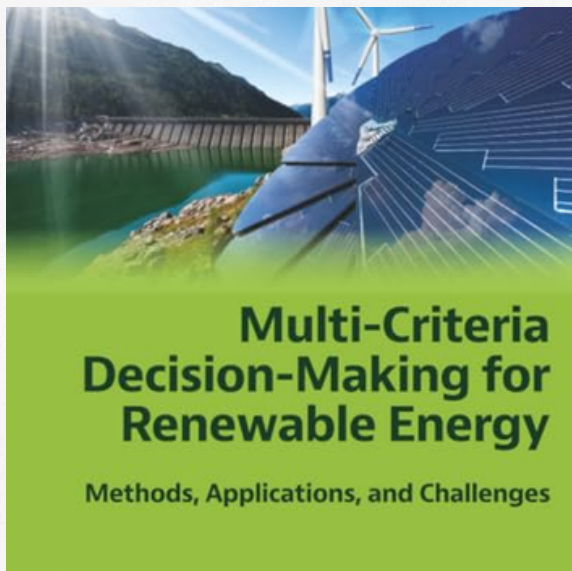


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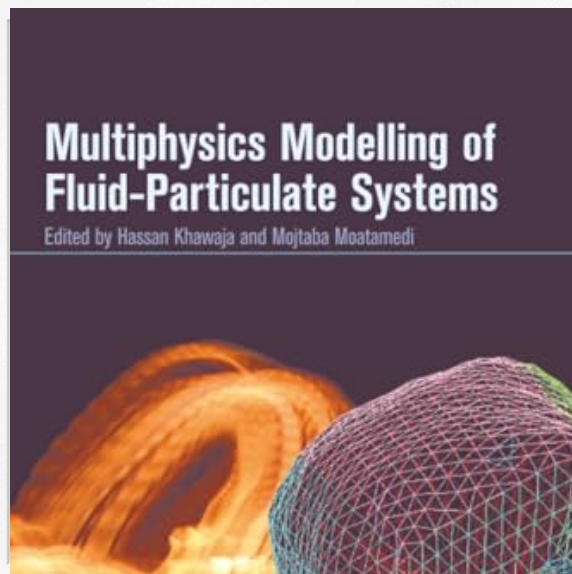
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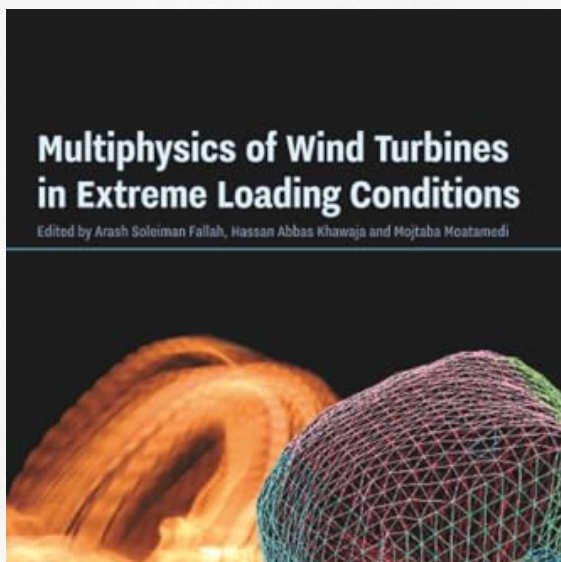
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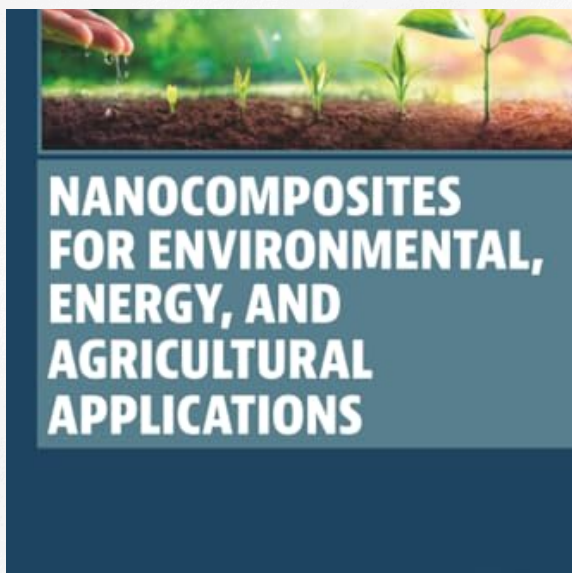
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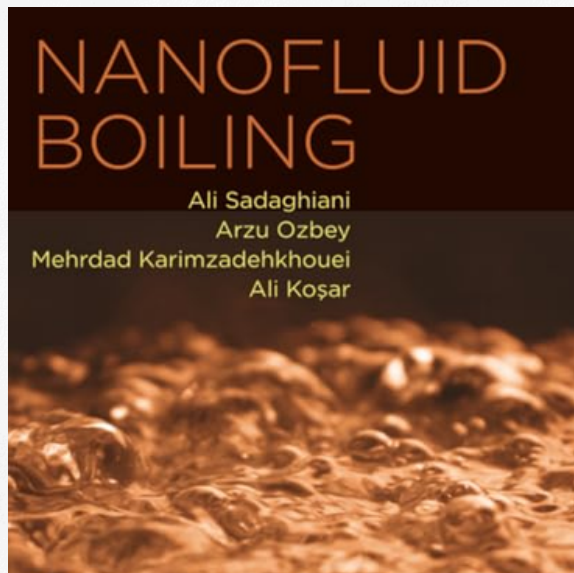


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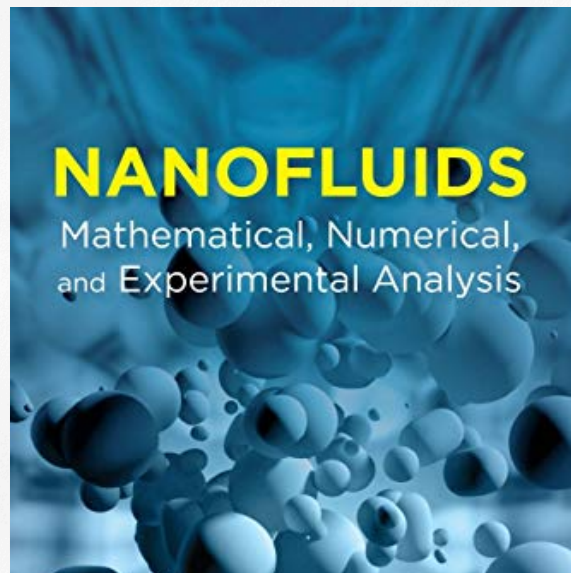
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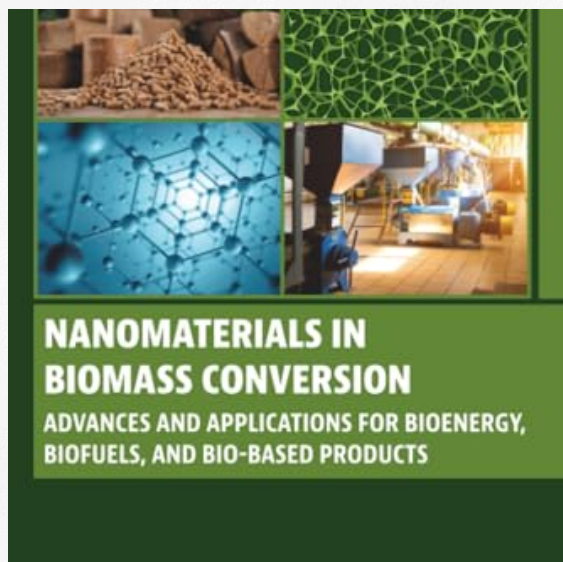
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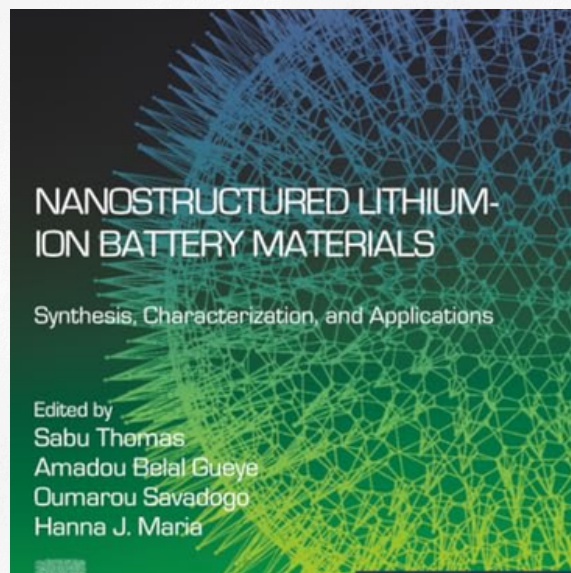
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for Battery Applications



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HYDROGEN PRODUCTION  
AND STORAGE  
Nanostructured Materials  
and Interfaces

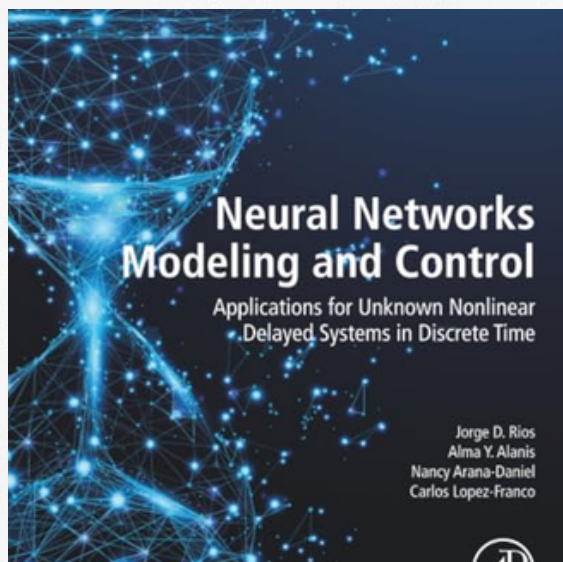


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Neural Networks  
Modeling and Control

Applications for Unknown Nonlinear  
Delayed Systems in Discrete Time

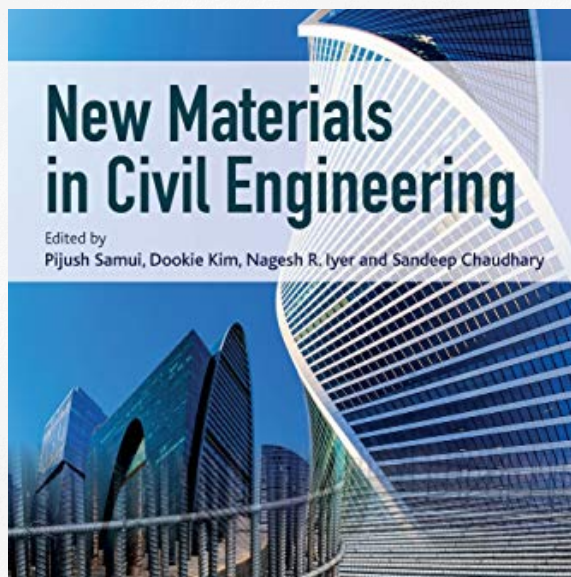
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**Microgrid Systems**

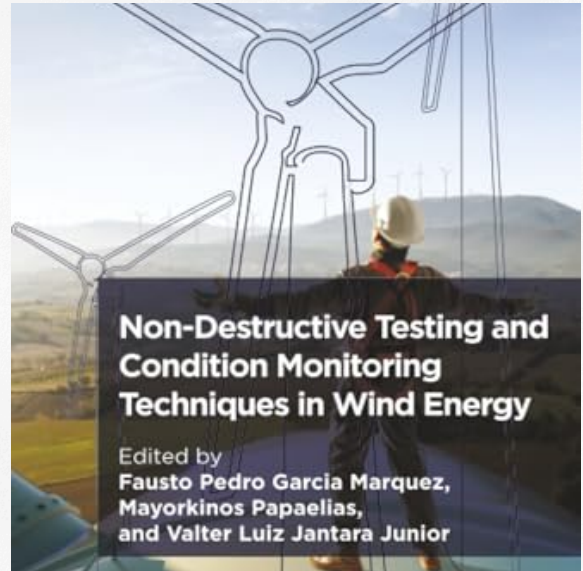
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TECHNOLOGIES FOR RESILIENCE



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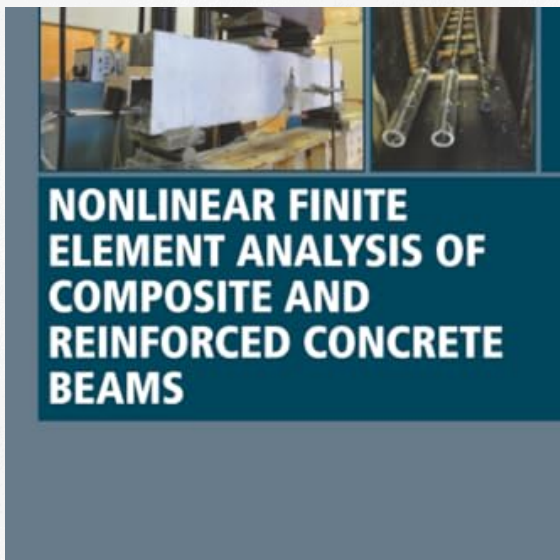
**Non-Destructive Testing and  
Condition Monitoring  
Techniques in Wind Energy**

Edited by  
Fausto Pedro Garcia Marquez,  
Mayorkinos Papaalias,  
and Valter Luiz Jantara Junior



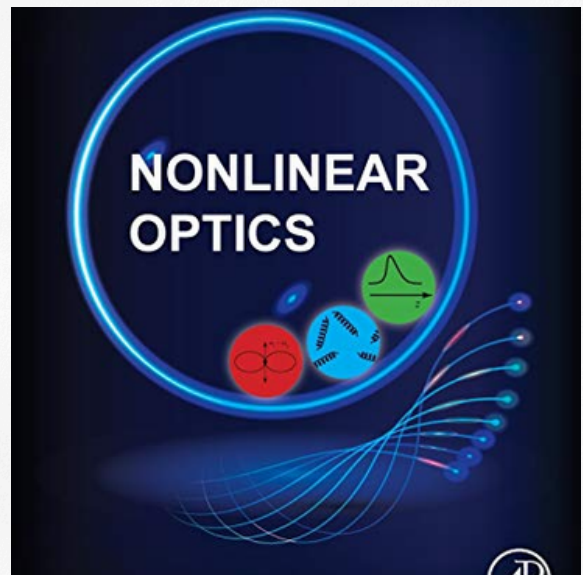
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**NONLINEAR FINITE  
ELEMENT ANALYSIS OF  
COMPOSITE AND  
REINFORCED CONCRETE  
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**Nuclear Waste  
Management Facilities**

Advances, Environmental  
Impacts, and Future Prospects

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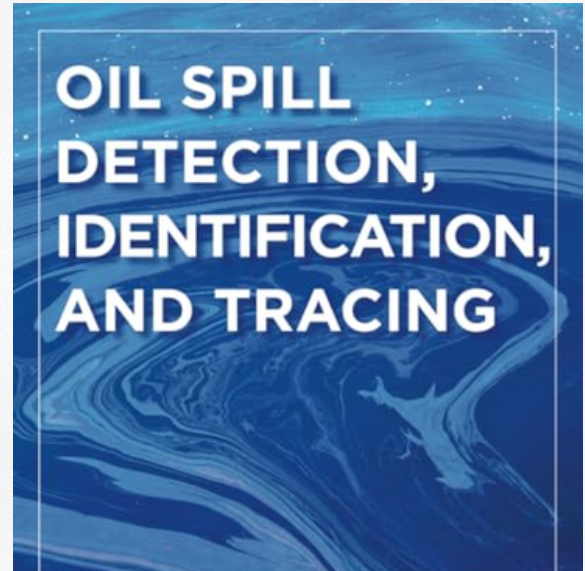
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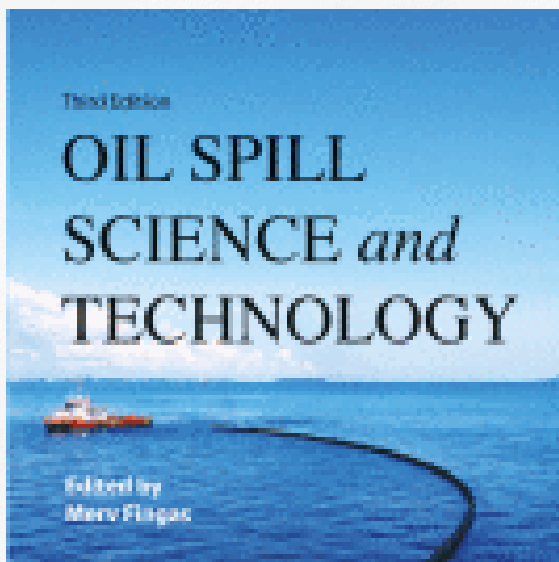
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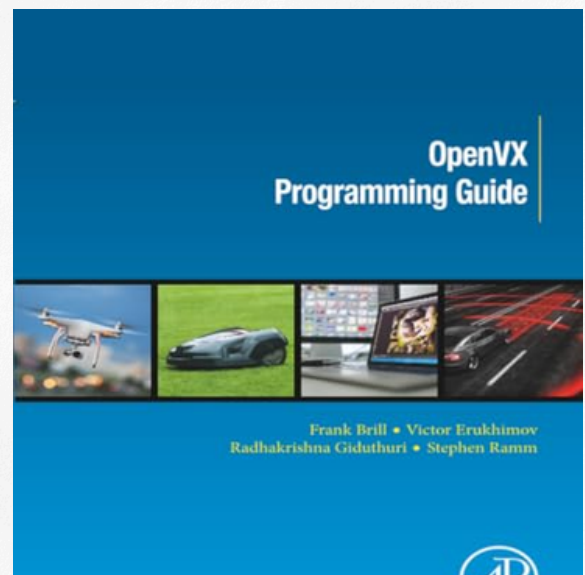
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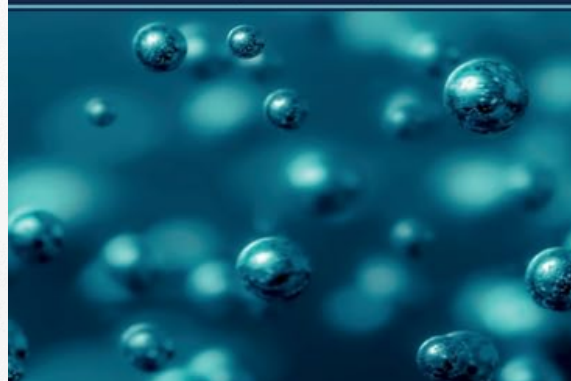


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Fundamentals and Practice

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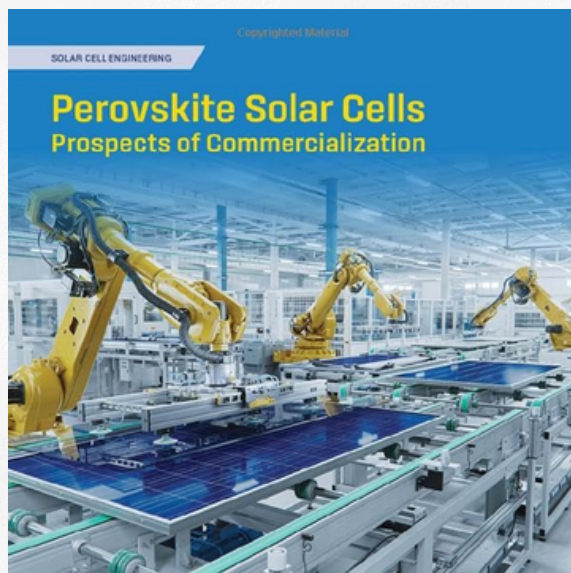


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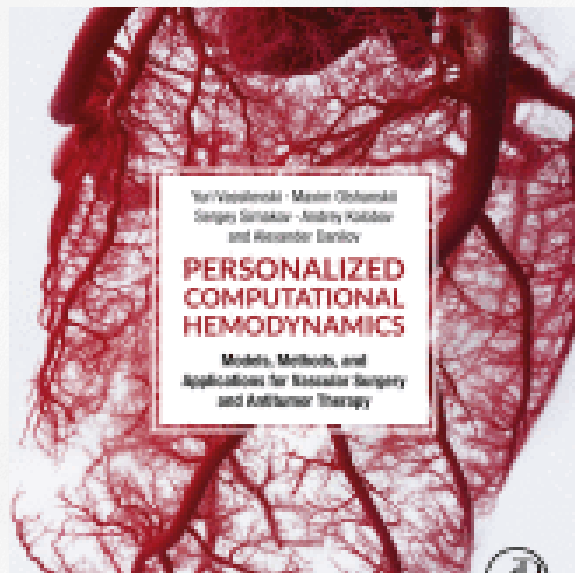


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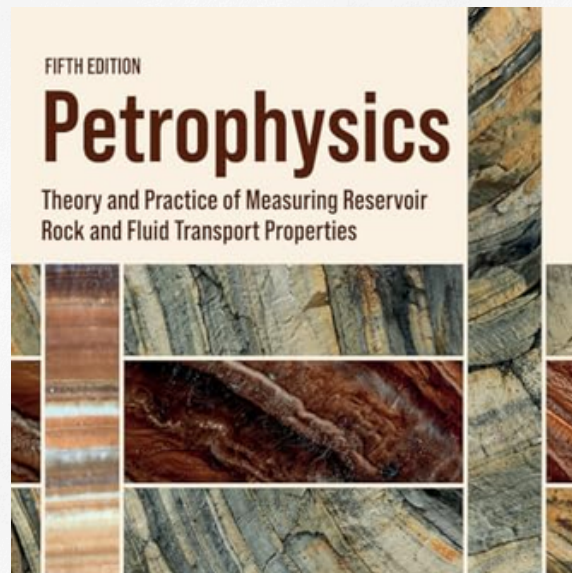
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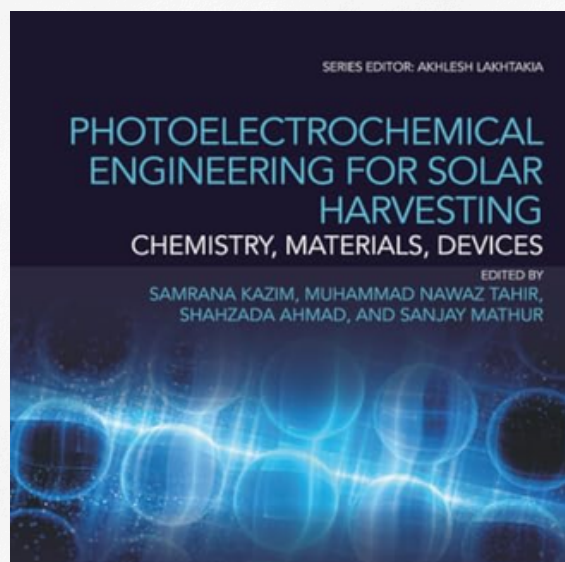
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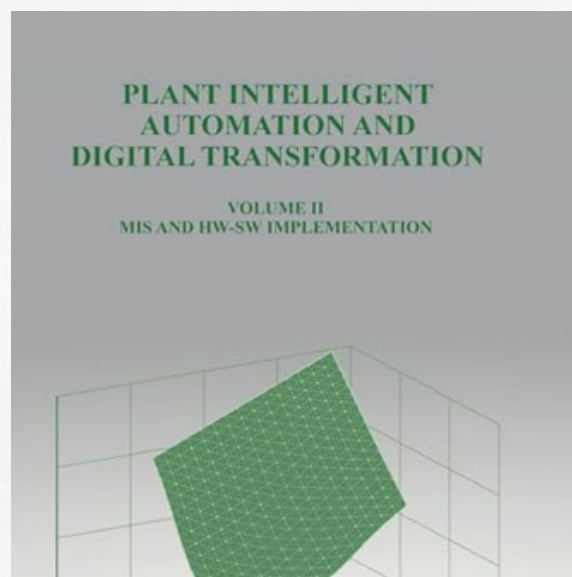
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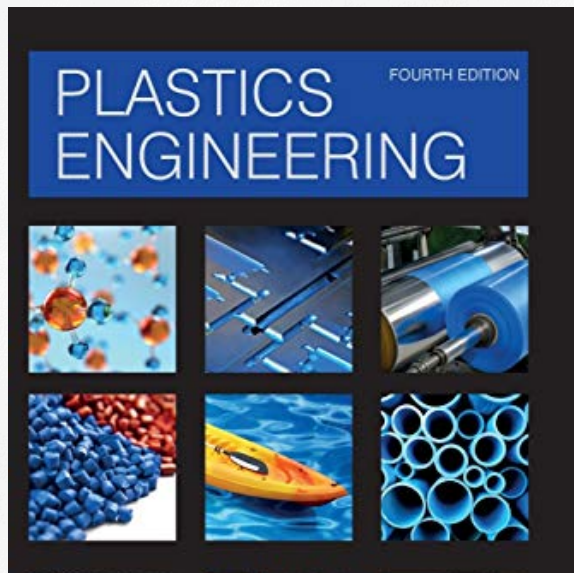
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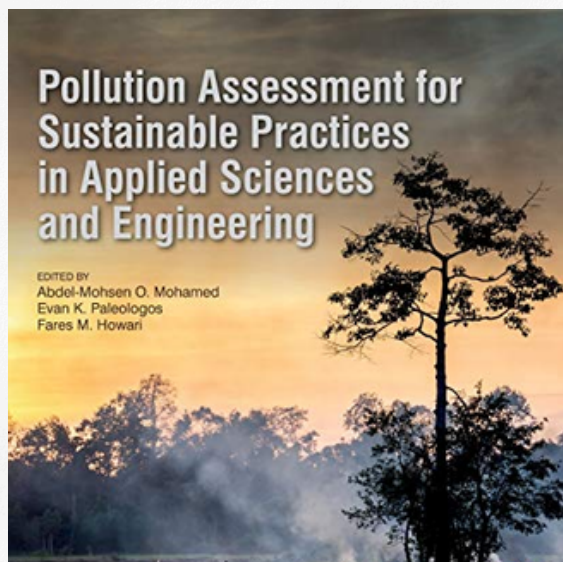
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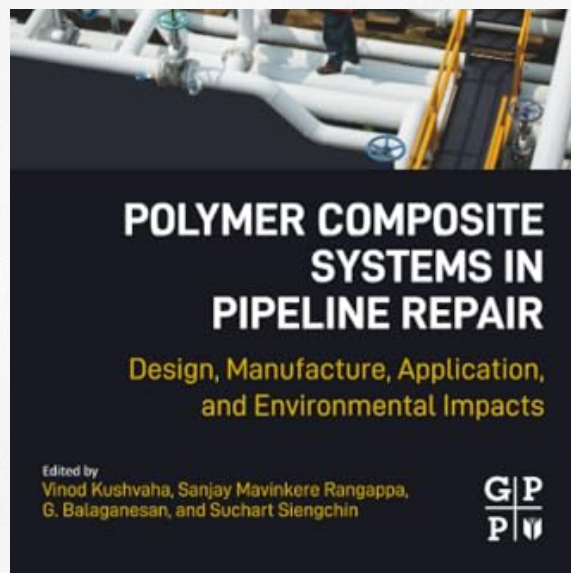
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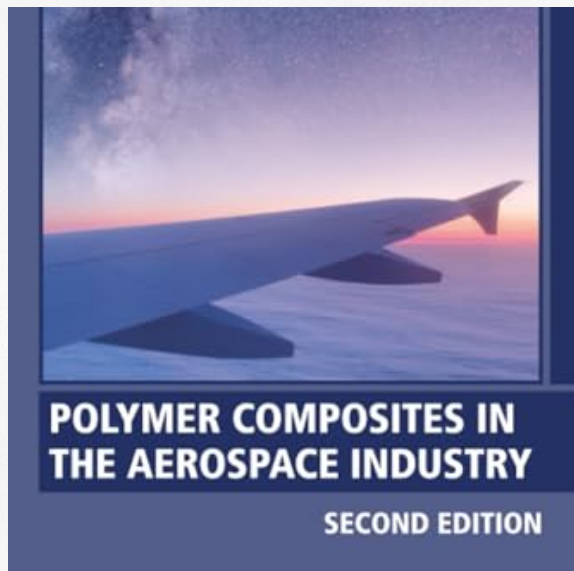


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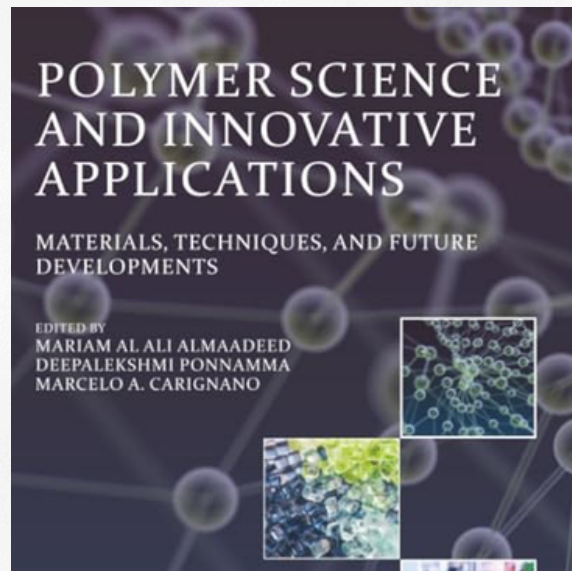
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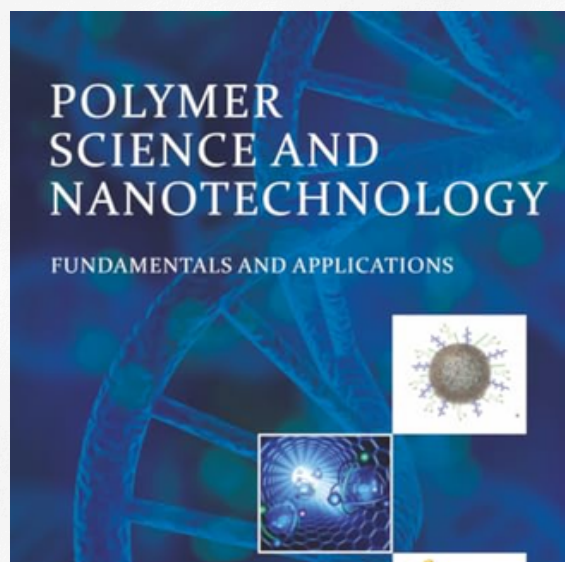
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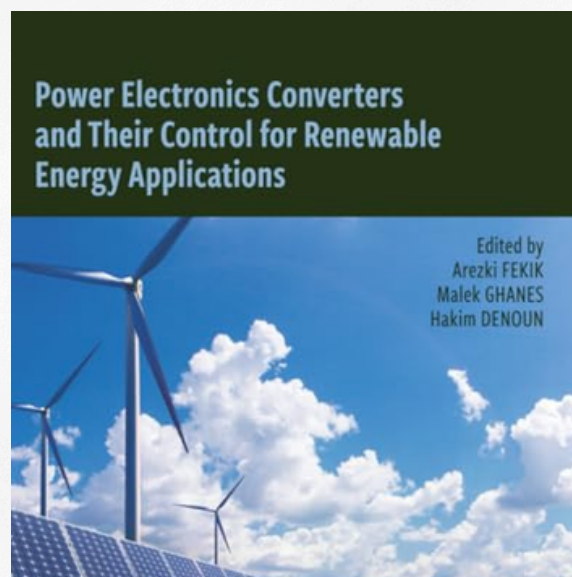
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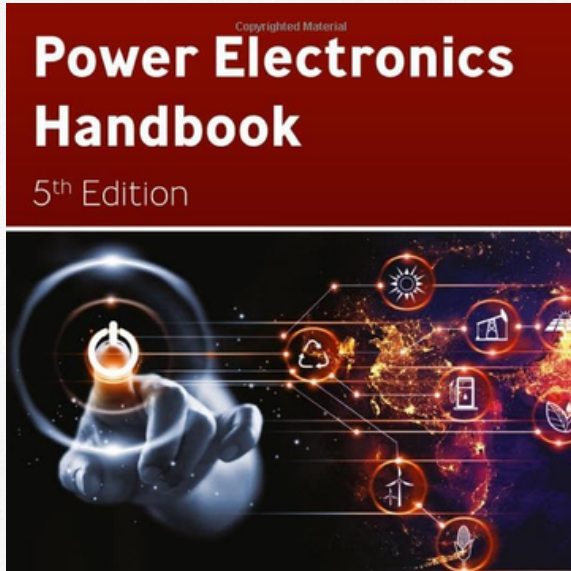


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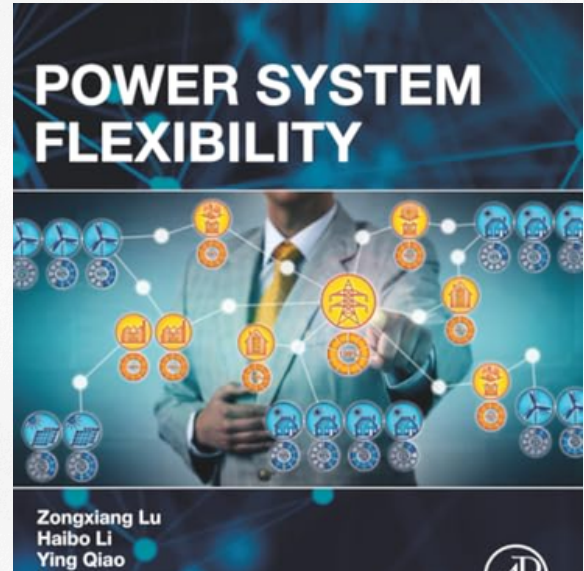
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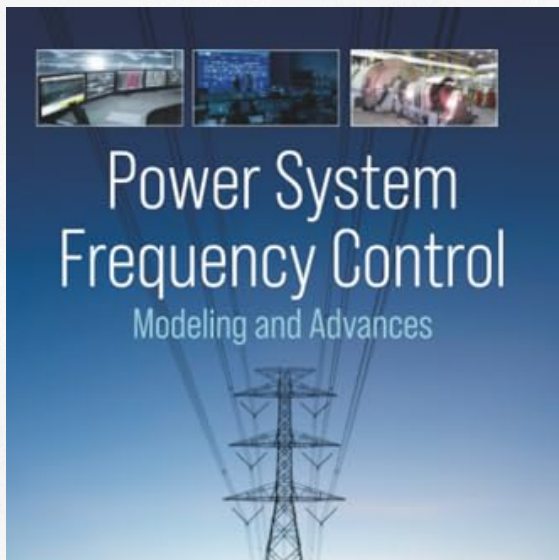
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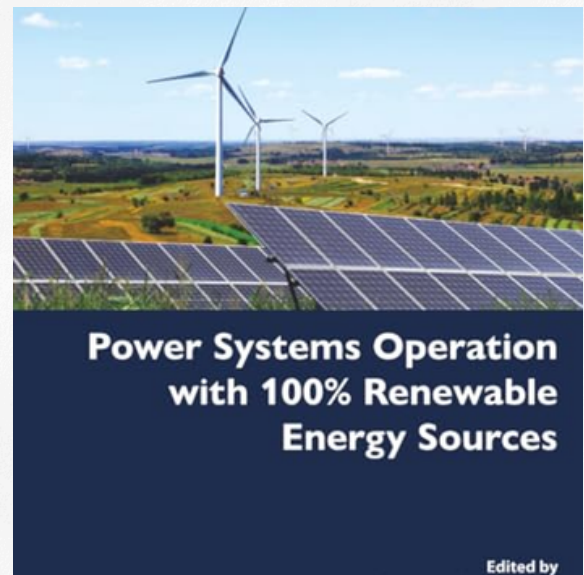
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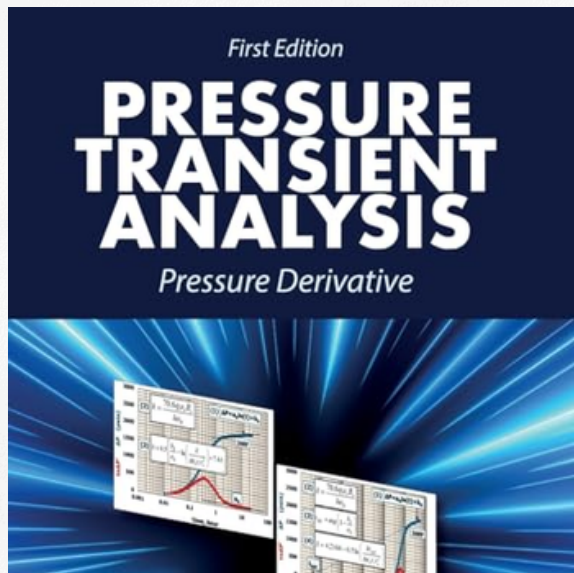
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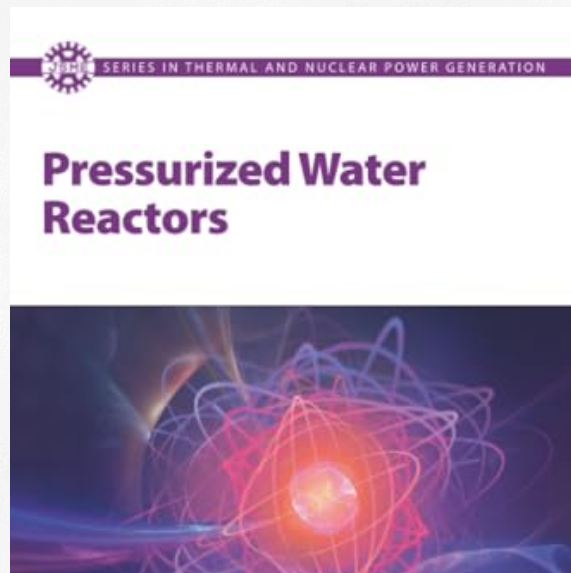
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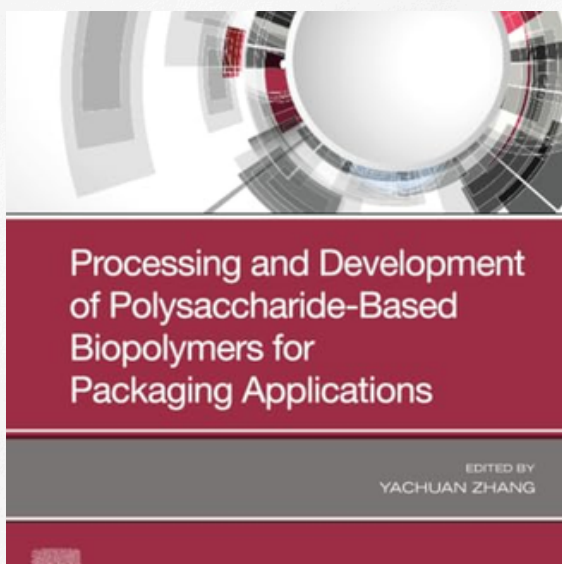
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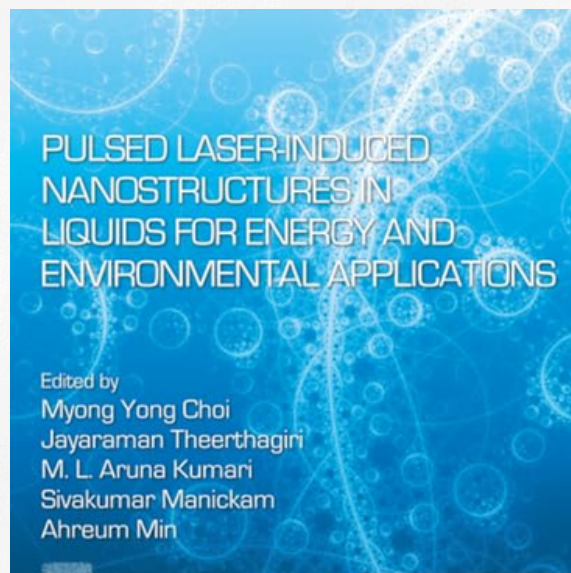
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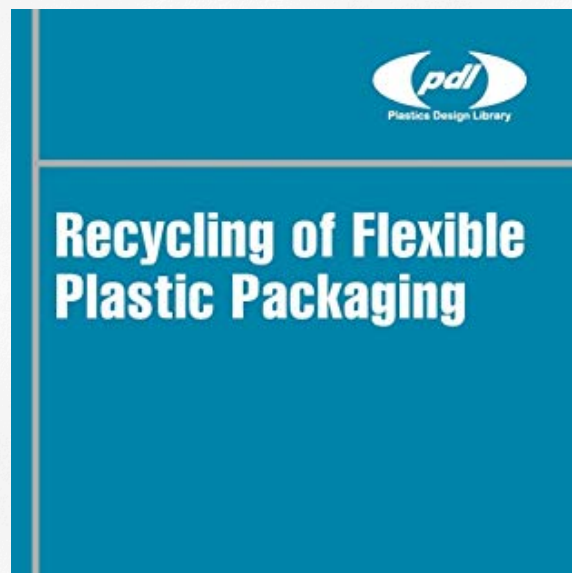
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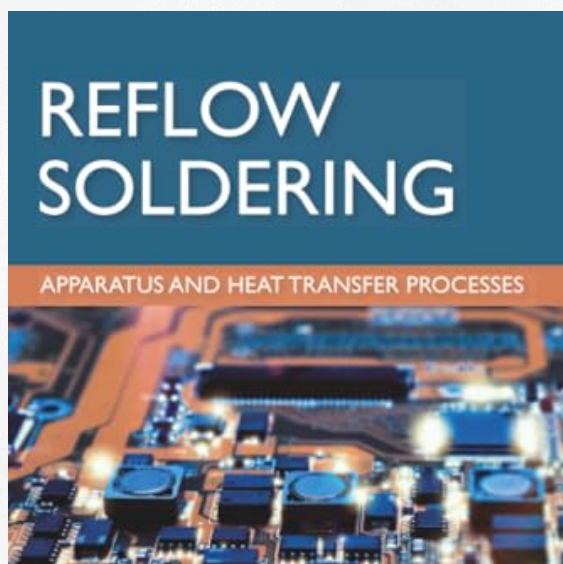
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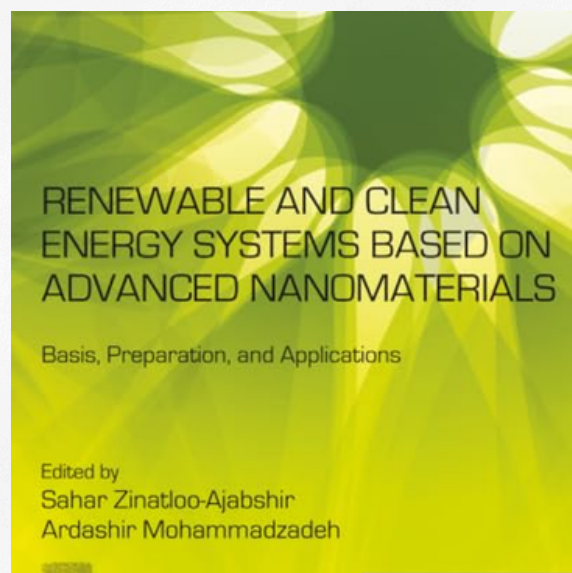
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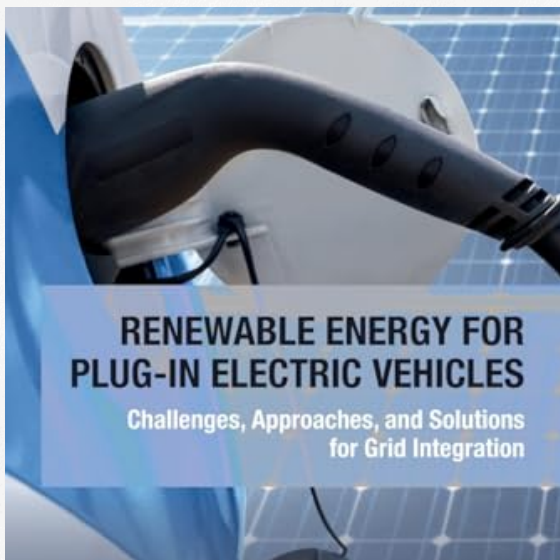
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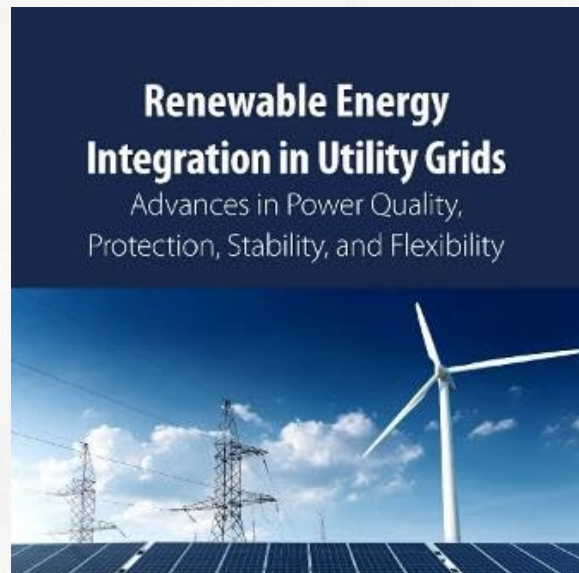
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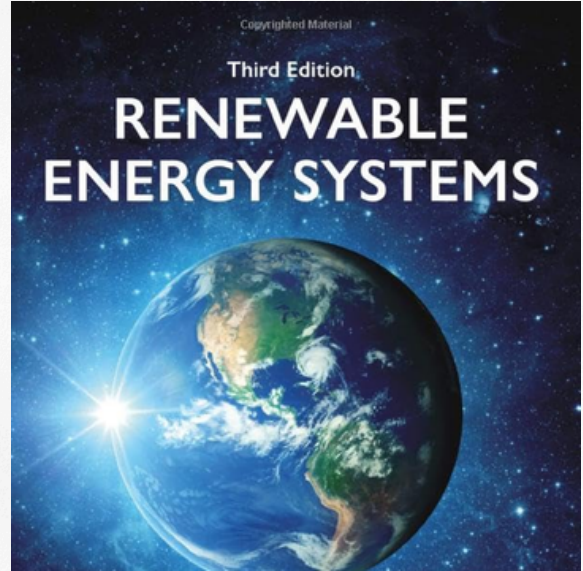
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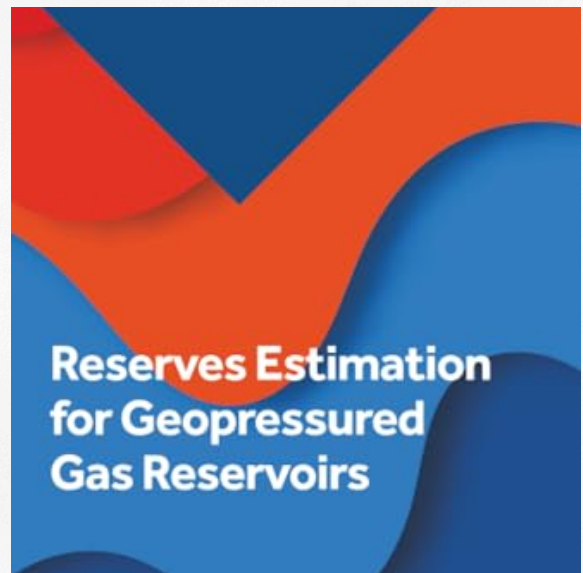
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Gas Reservoirs



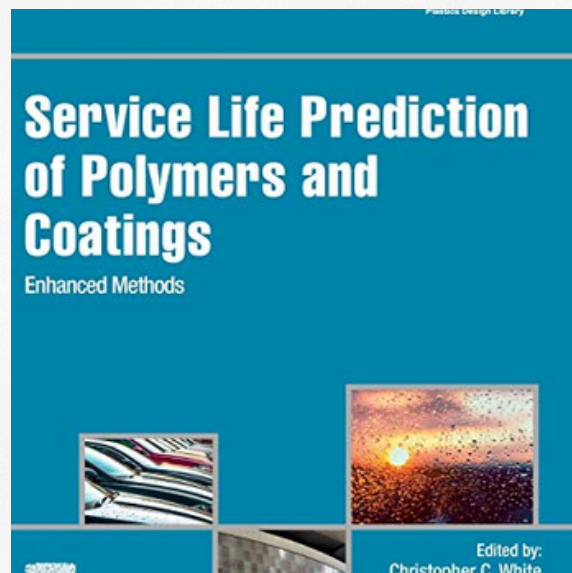
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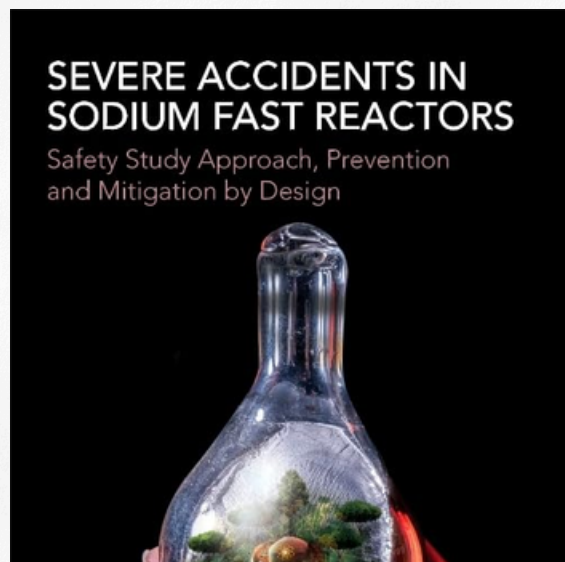
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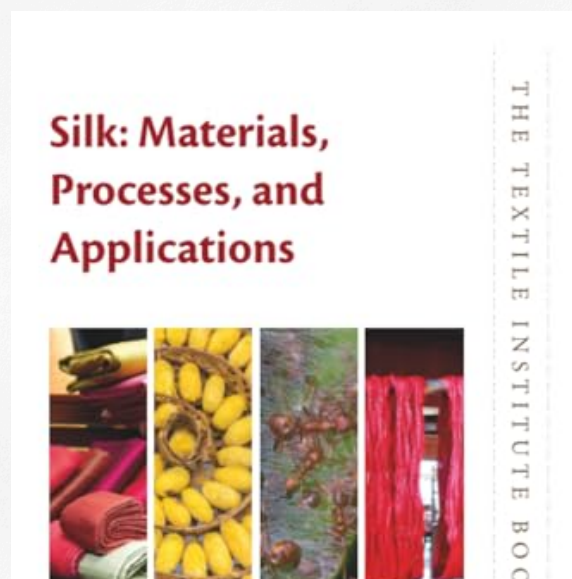
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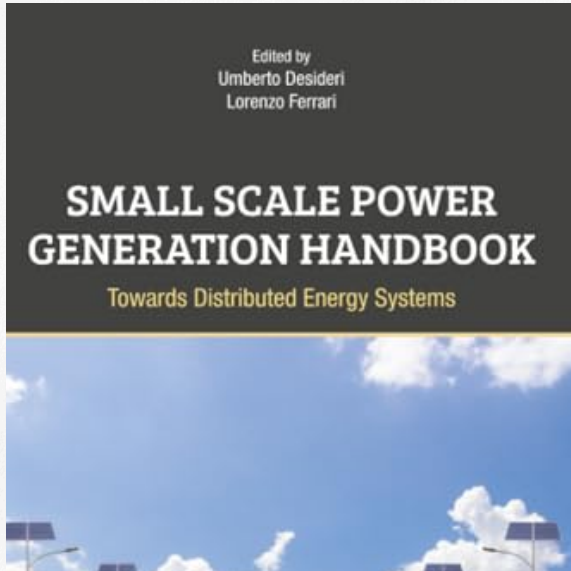
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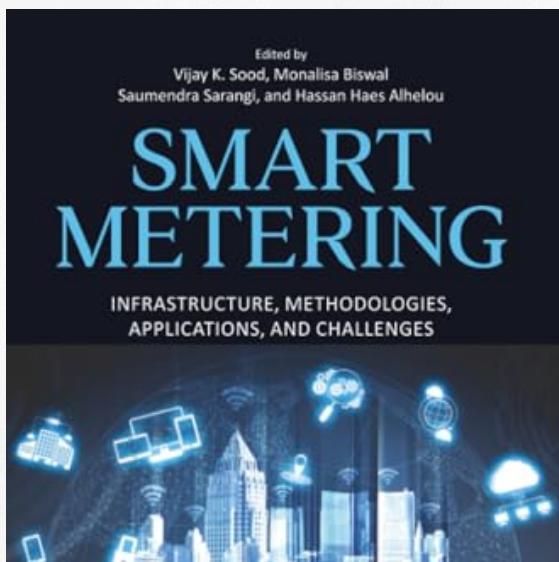
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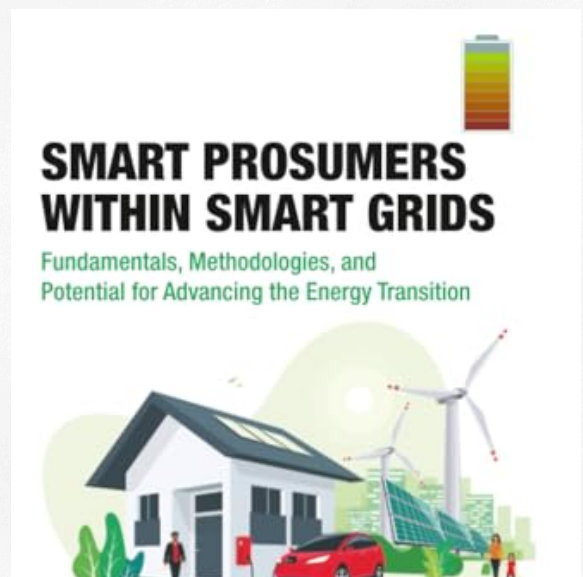
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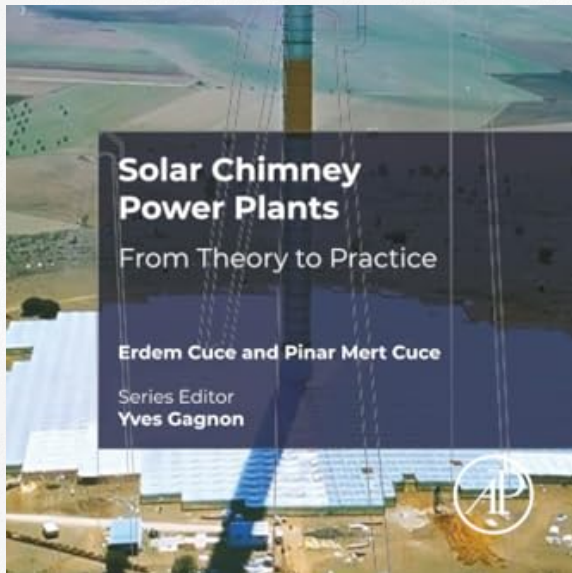
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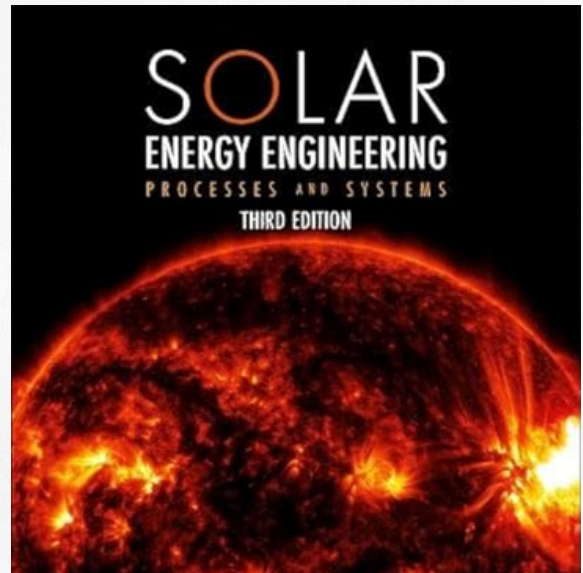
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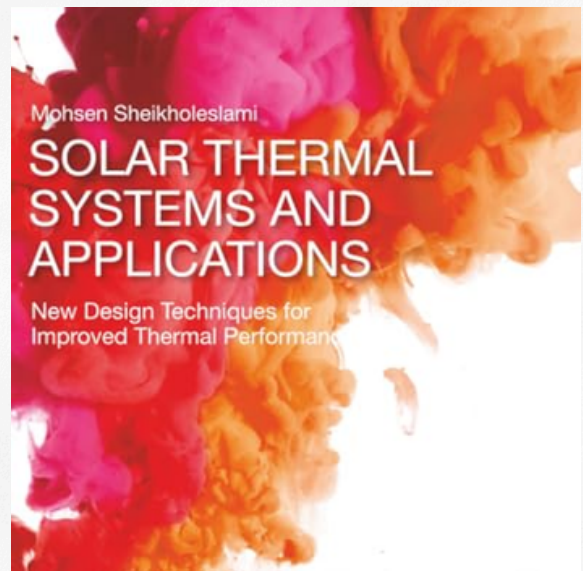


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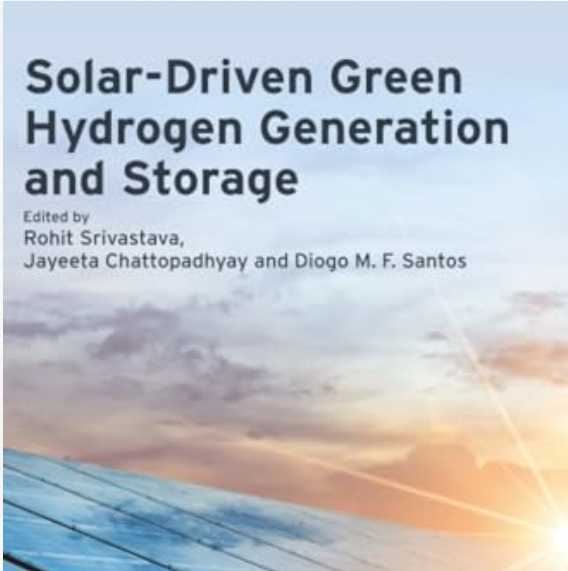
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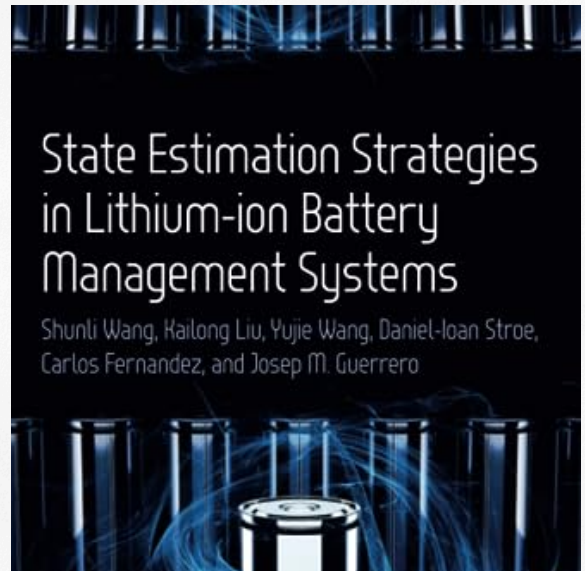
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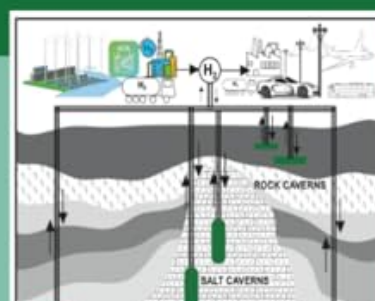
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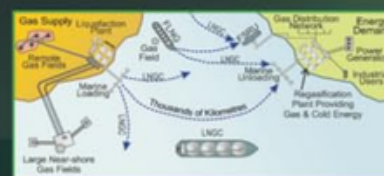
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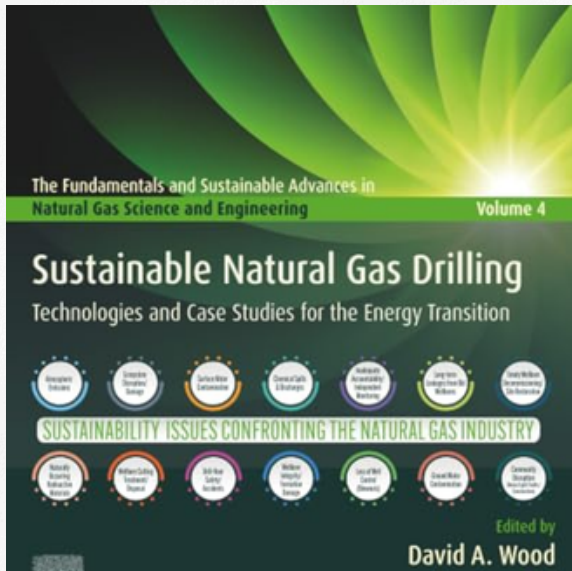
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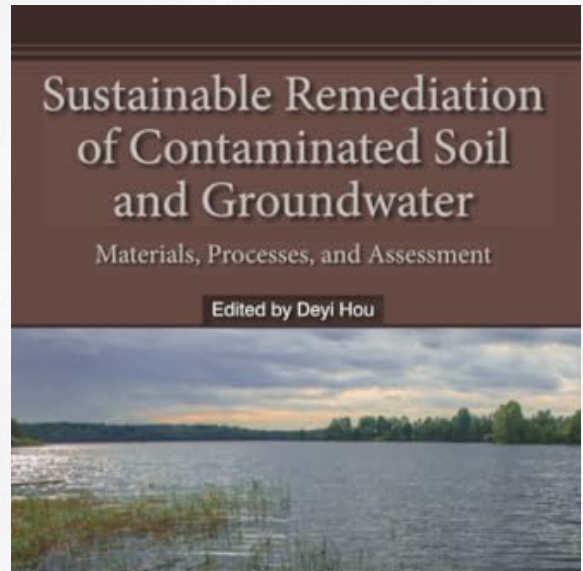
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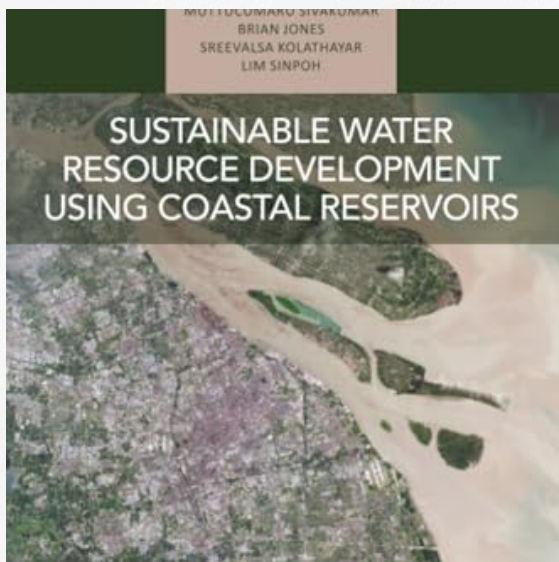
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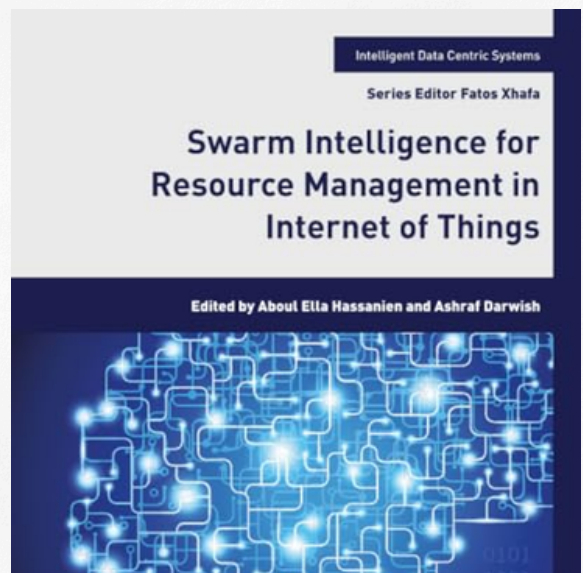
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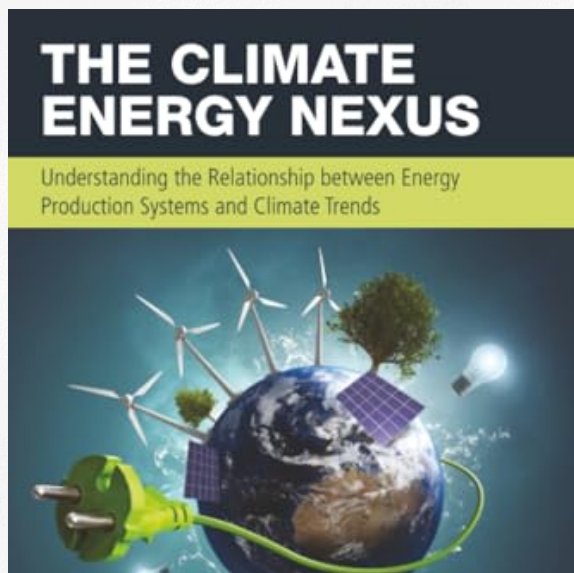


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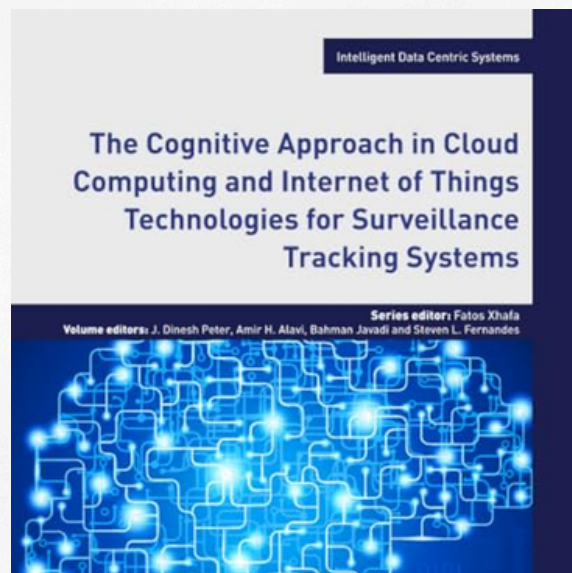
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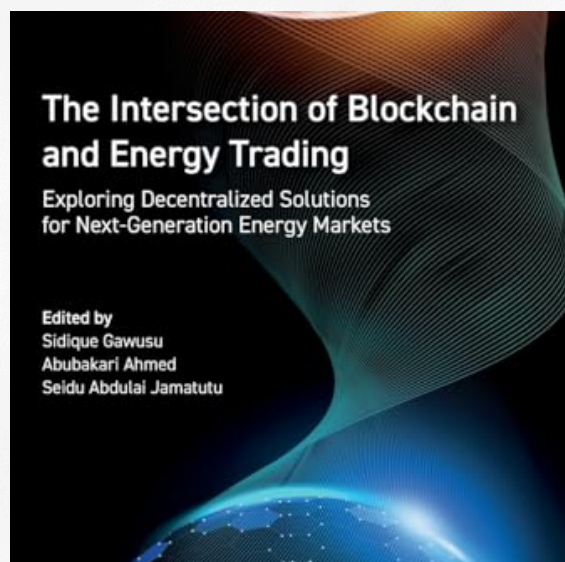
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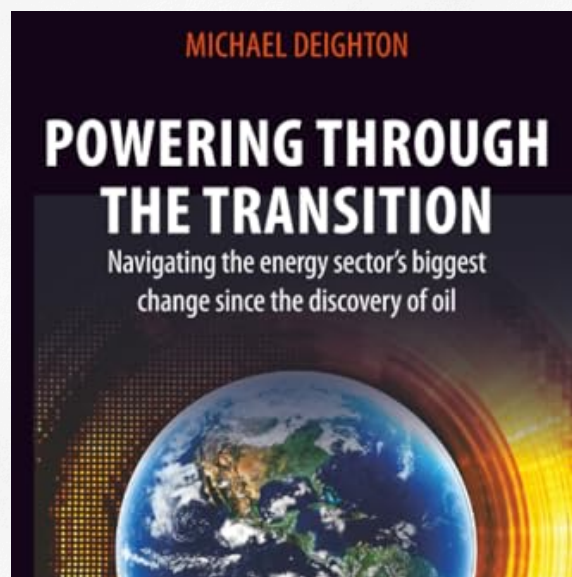
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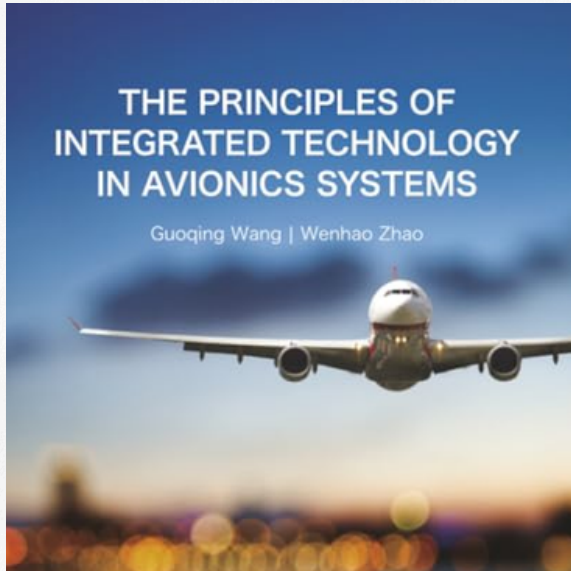


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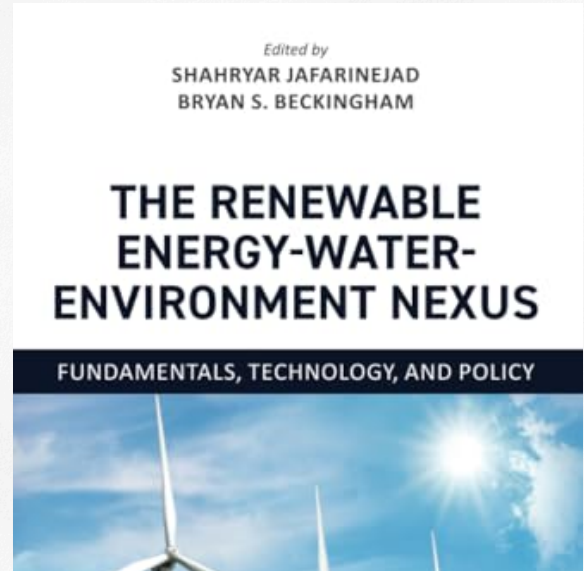
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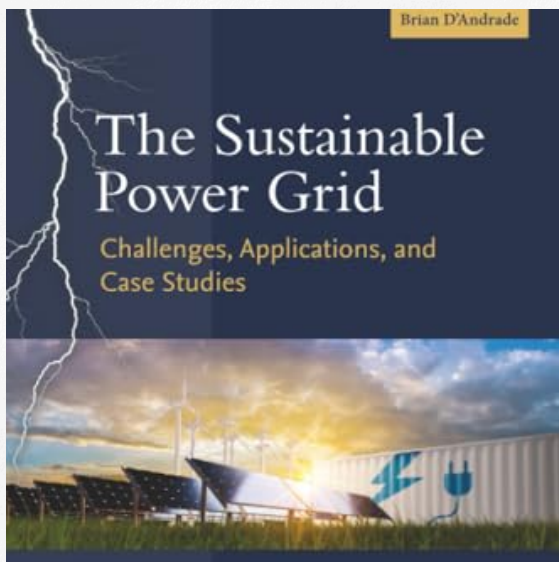
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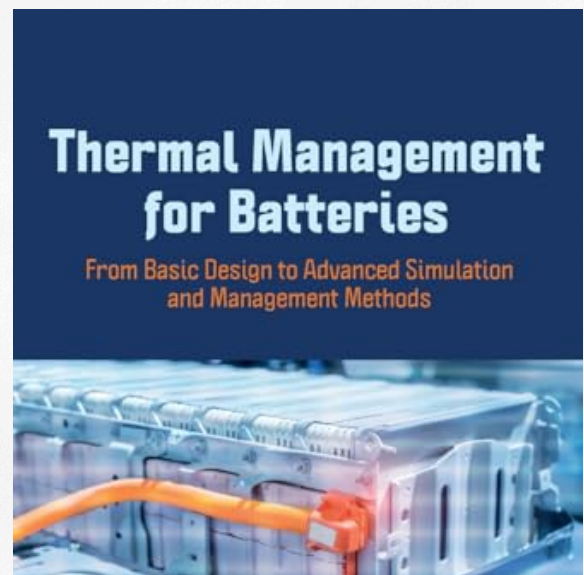
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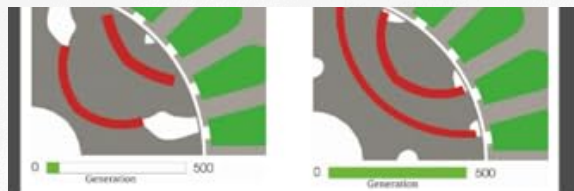


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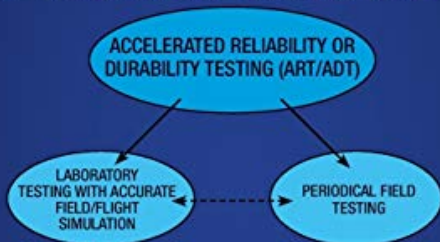


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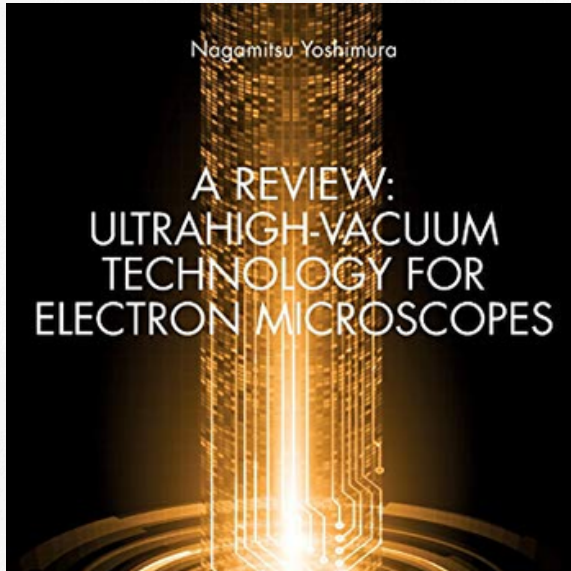
Oleksiy V. Penkov



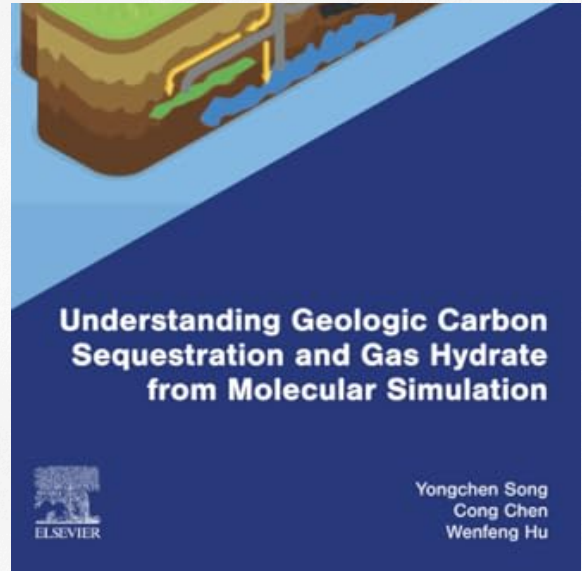
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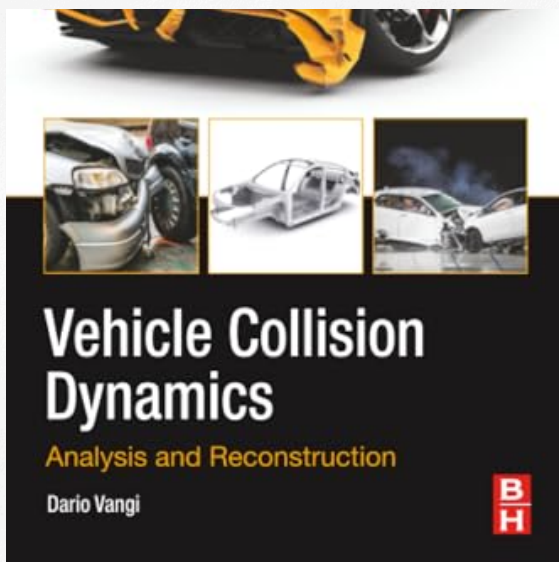
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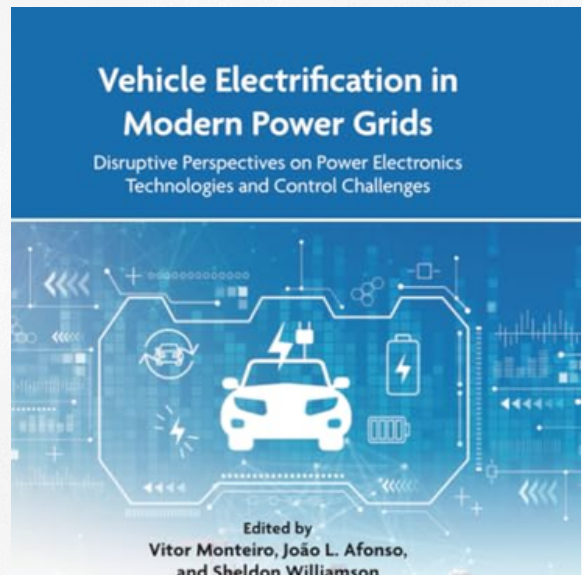
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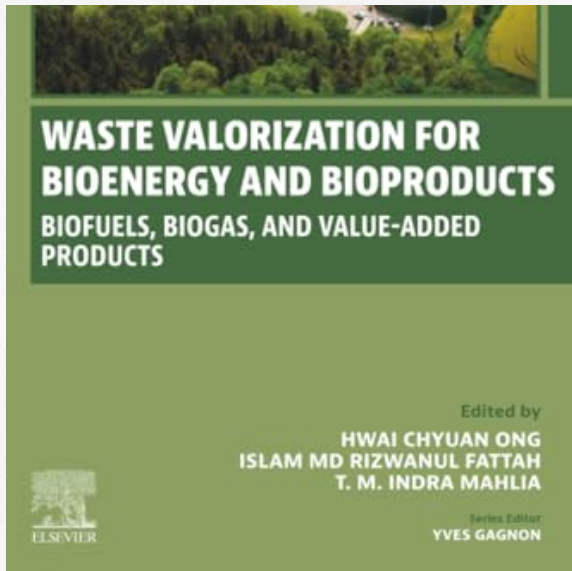
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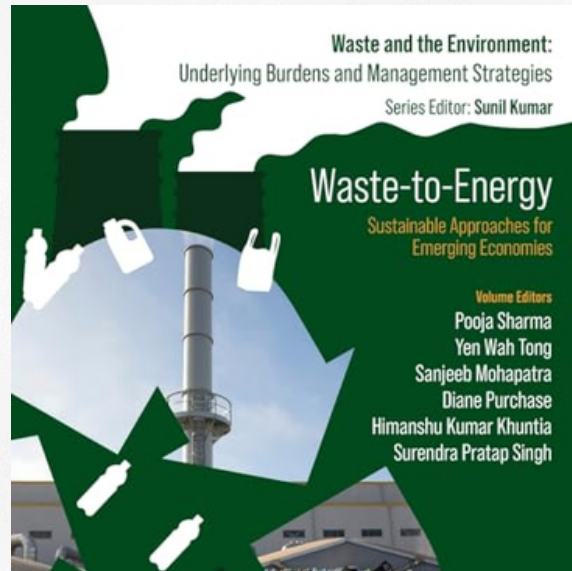
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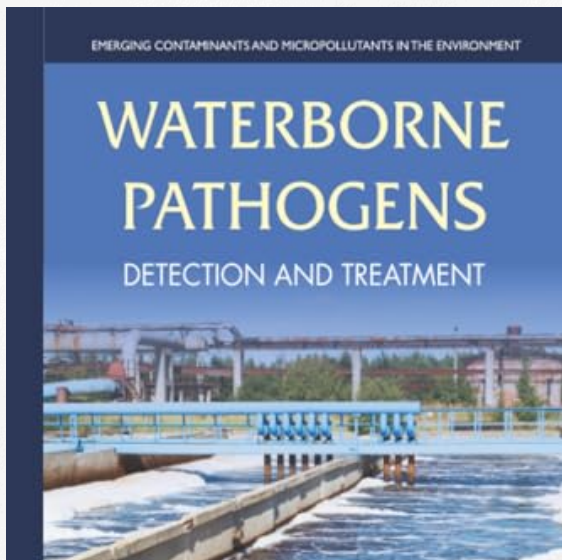
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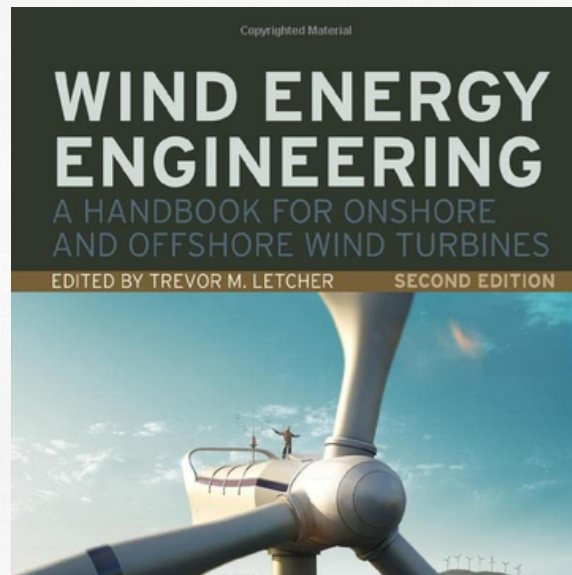
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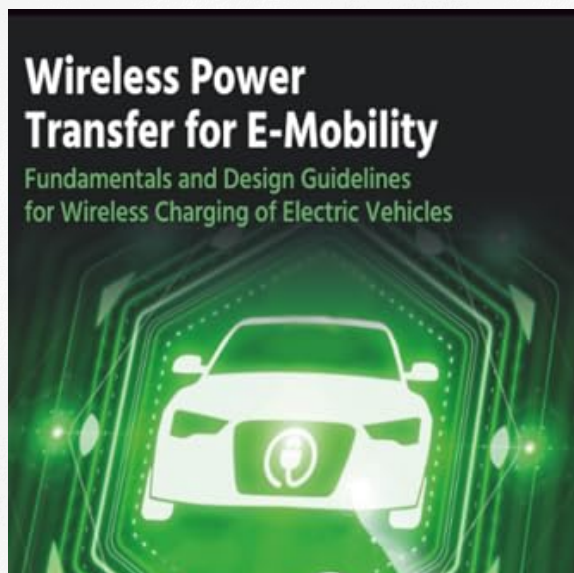


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