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Titolo	Energy Management in Wireless Cellular and Ad-hoc Networks // edited by Muhammad Zeeshan Shakir, Muhammad Ali Imran, Khalid A. Qaraqe, Mohamed-Slim Alouini, Athanasios V. Vasilakos
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Descrizione fisica	1 online resource (445 p.)
Collana	Studies in Systems, Decision and Control, , 2198-4182 ; ; 50
Disciplina	620
Soggetti	Electrical engineering Energy efficiency Energy policy Energy and state Communications Engineering, Networks Energy Efficiency Energy Policy, Economics and Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Energy Management in Heterogeneous Networks -- Energy Management and Energy Efficiency in Cellular Systems -- Energy Management in Ad Hoc Networks -- Energy Management in Cognitive Radio Networks -- Energy Management in Emerging Wireless Networks -- Energy Management Practices in Wireless Networks.
Sommario/riassunto	This book investigates energy management approaches for energy efficient or energy-centric system design and architecture and presents end-to-end energy management in the recent heterogeneous-type wireless network medium. It also considers energy management in wireless sensor and mesh networks by exploiting energy efficient transmission techniques and protocols. and explores energy management in emerging applications, services and engineering to be facilitated with 5G networks such as WBANs, VANETS and Cognitive networks. A special focus of the book is on the examination of the

energy management practices in emerging wireless cellular and ad hoc networks. Considering the broad scope of energy management in wireless cellular and ad hoc networks, this book is organized into six sections covering range of Energy efficient systems and architectures; Energy efficient transmission and techniques; Energy efficient applications and services. .
