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Titolo	Encountering Mobile Data Dynamics in Heterogeneous Wireless Networks // by Jie Wang, Wenyue Wang, Xiaogang Wang
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ISBN	9783031629068 9783031629051
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (187 pages)
Disciplina	621.384
Soggetti	Computer networks Wireless communication systems Mobile communication systems Artificial intelligence Computer Communication Networks Wireless and Mobile Communication Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface -- Introduction -- Information Dynamics -- Coverage Dynamics -- Governing Rules -- Spectrum Dynamics -- Conclusion and Future Directions.
Sommario/riassunto	This book offers a systematic view of data services in heterogeneous wireless networks, from the perspectives of cause, governing rules, and impact of data's mobility on such networks. Specifically, it covers application requirements break-down, network modeling, performance analysis and evaluation by examining mobile data dynamics that are particularly important to data service provisioning. Additionally, application prospects such as information dissemination, fog computing, Internet-of-Things and dynamic spectrum access are discussed on the basis of these dynamics. Theoretic analysis, example illustrations, and algorithms are also presented to provide a concise coverage of this important area of networking. Mobile data dynamics refers to the stochastic processes of information, geographical coverage and spectrum, which accompanies the movements of data

across wireless networks. Owing to the challenge raised by a high level of network heterogeneity, and the innate requirement on scalability, knowledge on the evolution of mobile data dynamics is essential to the design and deployment of emerging data services and applications, such as Internet-of-Things, data/task offloading and edge-based machine learning/inference. This book is designed for researchers and advanced-level students in the field of wireless networking and edge computing, who seek to understand the models and evolutions of mobile data dynamics for future edge applications. Practitioners, who specialize in the design, operation and maintenance of edge computing systems will also want to purchase this book as a reference.

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Autore Debnath Samir

Titolo Berry Crop Production and Protection / Samir Debnath

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Sommario/riassunto Berry crops include, but are not limited to, the genera: *Fragaria* (strawberry, Rosaceae), *Ribes* (currant and gooseberry, Grossulariaceae), *Rubus* (brambles: raspberry and blackberry; Rosaceae), *Vaccinium* (blueberry, cranberry and lingonberry; Ericaceae) and *Vitis* (grapes, Vitaceae). The significant role of these fruits in maintaining human health has increased their popularity and production, dramatically, across the world. This Special Issue of Agronomy covers berry crops in the areas of breeding, genetics,

germplasm, production systems, propagation, plant and soil nutrition, pest and disease management, postharvest, health benefits, marketing and economics and other related areas. The aim will be to bring together a collection of valuable articles that will serve as a foundation of innovative ideas for production and protection of health-promoting berry crops in changed environment.]
