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Advances in Computer Communications and Networks

From Green, Mobile, Pervasive Networking to Big Data Computing

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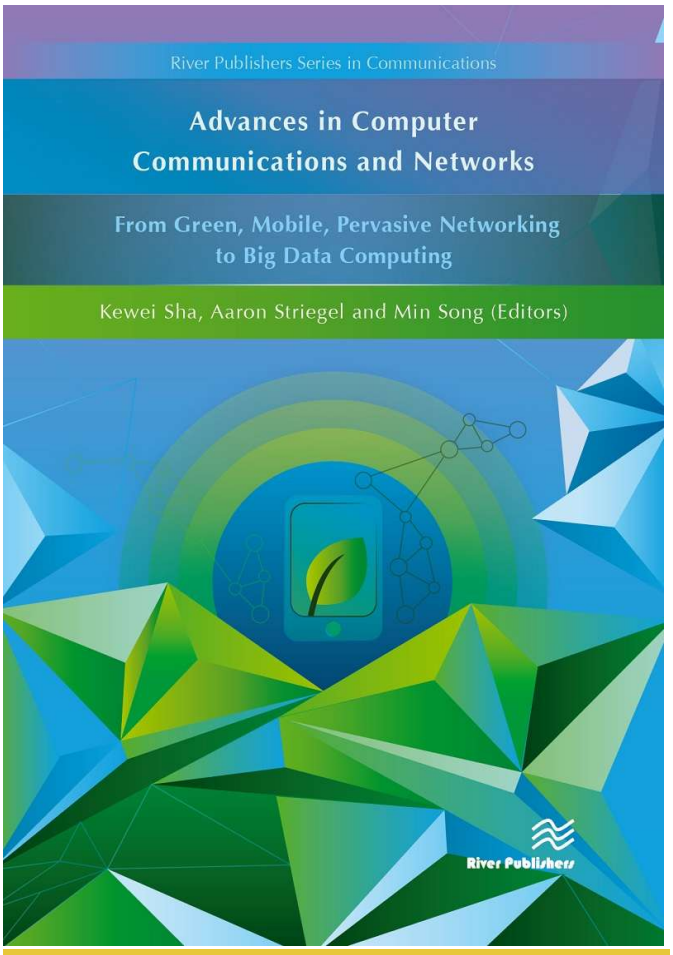
Recent developments in computer communications and networks have enabled the deployment of exciting new areas such as Internet of Things and collaborative big data analysis. The design and implementation of energy efficient future generation communication and networking technologies also require the clever research and development of mobile, pervasive, and large-scale computing technologies.

Advances in Computer Communications and Networks: from Green, Mobile, Pervasive Networking to Big Data Computing studies and presents recent advances in communication and networking technologies reflecting the state-of-the-art research achievements in novel communication technology and network optimization.

Technical topics discussed in the book include:

- Data Center Networks
- Mobile Ad Hoc Networks
- Multimedia Networks
- Internet of Things
- Wireless Spectrum
- Network Optimization.

This book is ideal for personnel in computer communication and networking industries as well as academic staff and collegial, master, Ph.D. students in computer science, computer engineering, electrical engineering and telecommunication systems.



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