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Energy-Aware Systems and Networking for Sustainable Initiatives

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It is more important than ever to be concerned with energy related efforts, especially on what we as individuals can do now to help protect our future. With research coming out left and right on sustainable initiatives, we can only hope that future generations will benefit greatly from the efforts of today’s researchers.

Energy-Aware Systems and Networking for Sustainable Initiatives covers a great variety of topics such as materials, environment, electronics, and computing. This title is a vital source of information detailing the latest architectures, frameworks, methodologies, and research on energy-aware systems and networking for sustainable initiatives. With contributions from authors around the world, this book presents the most sophisticated research and developments from the field, relevant to researchers, academics, and practitioners alike.

Topics Covered:
- Energy Optimization
- Energy Scavenging
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Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Naima Kaabouch received her B.S., M.S., and Ph.D. all in Electrical Engineering from the University of Paris 11 and the University of Paris 6, Paris, France, in 1982, 1986, 1990, respectively. She is currently an Assistant Professor in the Department of Electrical Engineering, University of North Dakota. Dr. Kaabouch research interests include configurable computing, real time systems, and signal/image processing. She published over 80 articles on refereed journal, proceedings, and books. In green computing field, she is the co-edited two books. In teaching, she developed and taught several courses in the field of configurable computing and real time systems involving microcontrollers and Field Programmable Gate Array devices-based devices.