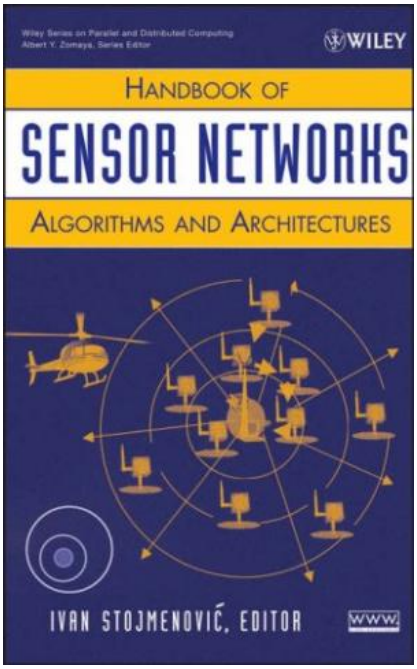

Handbook of Sensor Networks: Algorithms and Architectures

By Ivan Stojmenovic

John Wiley and Sons Ltd. Hardback. Book Condition: new. BRAND NEW, Handbook of Sensor Networks: Algorithms and Architectures, Ivan Stojmenovic, This book presents the state of the art of sensor networks. Written by an international team of recognized experts in sensor networks from prestigious organizations such as Motorola, Fujitsu, the Massachusetts Institute of Technology, Cornell University, and the University of Illinois, "Handbook of Sensor Networks: Algorithms and Architectures" tackles important challenges and presents the latest trends and innovations in this growing field. Striking a balance between theoretical and practical coverage, this comprehensive reference explores a myriad of possible architectures for future commercial, social, and educational applications, and offers insightful information and analyses of critical issues, including: sensor training and security; embedded operating systems; signal processing and medium access; target location, tracking, and sensor localization; broadcasting, routing, and sensor area coverage; topology construction and maintenance; data-centric protocols and data gathering; time synchronization and calibration; and, energy scavenging and power sources. With exercises throughout, students, researchers, and professionals in computer science, electrical engineering, and telecommunications will find this an essential read to bring themselves up to date on the key challenges affecting the sensors industry.

Reviews

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