Sensors: Theory, Algorithms, and Applications

Springer Optimization and Its Applications 61

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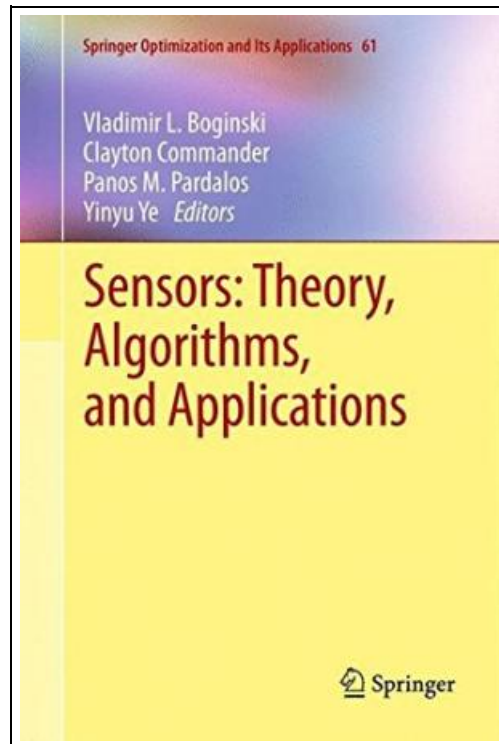Yinyu Ye *Editors*

Sensors: Theory, Algorithms, and Applications

Springer

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Reviews

It in one of my personal favorite publication. It is actually rally fascinating throgh reading through period of time. Its been printed in an extremely basic way in fact it is just after i finished reading through this ebook by which basically transformed me, change the way in my opinion.
(David Weber)

SENSORS: THEORY, ALGORITHMS, AND APPLICATIONS

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Springer-Verlag Gmbh Nov 2011, 2011. Buch. Condition: Neu. Neuware - In recent years, technological advances have resulted in the rapid development of a new exciting research direction --- the interdisciplinary use of sensors for data collection, systems analysis, and monitoring. Application areas include environmental monitoring, military surveillance, computational neuroscience, seismic detection, and many more. Among the research areas considered, sensor networks represent a very active area, as well as work on problems such as sensor networks, sensor network localization, and network design. They are also related to optimization problems that have multiple applications and require interdisciplinary techniques from several fields. Additionally, neuroscientists use sensors to collect data during tests which record brain activity. These highly calibrated sensors require precision engineering techniques play an important role in analyzing and integrating large datasets.The purpose of this book is to bring together recent developments of both theoreticians and practitioners representing various fields from engineering, computer science, biomedicine, and the military, share knowledge, ideas, and techniques regarding the state-of-the-art sensor research. The objective of this book is to advance the current knowledge of sensor research particularly highlighting recent advances, current work, and future needs. The goal is to share current technologies and steer future efforts in directions that will benefit the majority of researchers and practitioners working in this broad field of study. In recent years, technological advances have resulted in the rapid development of a new and exciting research direction the interdisciplinary use of sensors for data collection, systems analysis, and monitoring. These highly calibrated sensors require precision engineering techniques that play an important role in analyzing and integrating large datasets. Sensor networks in particular represent a very active area of research, including work on problems such as sensor network localization and network design. Application areas for sensors and sensor networks include environmental...

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