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Soggetti	Operations research Management science Computer science - Mathematics System theory Operations Research, Management Science Computational Science and Engineering Systems Theory, Control
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	This book contains three well-written research tutorials that will allow the reader to easily get to the forefront of current research in multi-agent optimization. These tutorials cover topics that have not yet found their way in standard books and offer the reader the unique opportunity to be guided by major researchers in the respective fields. Multi-agent optimization, lying at the intersection of classical optimization, game theory, and variational inequality theory, is at the forefront of modern optimization and has recently undergone a dramatic development. It seems timely to provide an overview that describes in detail ongoing research and important trends. This book concentrates on Distributed Optimization over Networks; Differential Variational Inequalities; and Advanced Decomposition Algorithms for Multi-agent Systems. This book will appeal to both mathematicians and mathematically oriented engineers and will be the source of inspiration

for PhD students and researchers.

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