

1. Record Nr.	UNINA9910742496703321
Autore	Grothe Oliver
Titolo	Operations Research Proceedings 2022 : Selected Papers of the Annual International Conference of the German Operations Research Society (GOR), Karlsruhe, Germany, September 6-9, 2022 // edited by Oliver Grothe, Stefan Nickel, Steffen Rebennack, Oliver Stein
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031249075 3031249070
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (619 pages)
Collana	Lecture Notes in Operations Research, , 2731-0418
Altri autori (Persone)	NickelStefan RebennackSteffen SteinOliver
Disciplina	658.4034
Soggetti	Operations research Management science Mathematical optimization Operations Research and Decision Theory Operations Research, Management Science Optimization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1: A Two-Stage Stochastic Optimisation Model for Urban Same-Day Delivery with Micro-hubs -- Chapter 2: Computational Linear Bilevel Optimization -- Chapter 3: Faster Algorithms for Steiner Tree and Related Problems: From Theory to Practice -- Chapter 4: Prescriptive Analytics for Data-Driven Capacity Management.
Sommario/riassunto	This book gathers a selection of peer-reviewed papers presented at the International Conference on Operations Research (OR 2022), which was held at Karlsruhe Institute of Technology, Germany, on September 6-9, 2022. KIT's Institute for Operations Research (IOR) hosted the conference together with the Institute for Industrial Production (IIP), the Institute for Automation and Applied Informatics (IAI), and the Institute for Material Handling and Logistics (IFL). The respective papers discuss

classical mathematical optimization, statistics and simulation techniques. These are complemented by computer science methods, and by tools for processing data, designing and implementing information systems. The book also examines recent advances in information technology, which allow big data volumes to be processed and enable real-time predictive and prescriptive business analytics to drive decisions and actions. Lastly, it includes problems modeled and treated while taking into account uncertainty, risk management, behavioral issues, etc.
