

Operations Research: Closing the Gap Between Research and Practice

International Conference on Optimization and Decision Science (ODS), Badesi, Italy, September 8-12, 2024

This book collects selected contributions of the "Optimization and Decision Science - ODS2024 - International conference on the theme of Operations Research: closing the gap between research and practice ODS2024 was held in Badesi (Sardinia, Italy), 8–12 September 2024, and was organized by AIRO, the Italian Operations Research Society. The book offers new and original contributions on operations research, optimization, decision science, and prescriptive analytics from both a methodological and applied perspectives. It provides a state-of-the art on problem models and solving methods to address a widely class of real-world problems, arising in different application areas such as logistics, transportation, energy management, manufacturing, health, ICT and mobile networks, and emergency/disaster management. In addition, the scientific works collected in this book aim at providing significant contributions in the theme of a close connection between research and practice. This book is aimed primarily at researchers and Ph.D. students in the Operations Research community. However, due to its interdisciplinary contents, this book is of high interest also for students and researchers from other disciplines, including artificial intelligence, computer sciences, finance, mathematics, and engineering as well as for practitioners facing complex decision-making problems in logistics, manufacturing production, and services.

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