

Phillipson

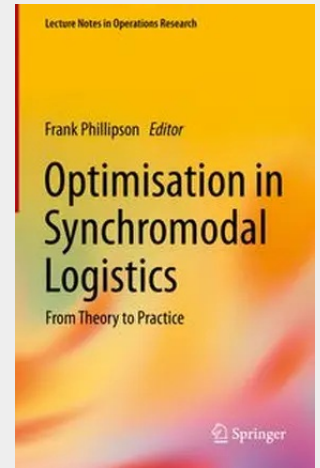
Optimisation in Synchronmodal Logistics

From Theory to Practice

This book introduces the advances in synchronmodal logistics and provides a framework to classify various optimisation problems in this field. It explores the application of this framework to solve a broad range of problems, such as problems with and without a central decision-maker, problems with and without full information, deterministic problems, problems coping with uncertainty, optimisation of a full network design problem. It covers theoretical constructs, such as discrete optimisation, robust optimisation, optimisation under uncertainty, multi-objective optimisation and agent based equilibrium models. Moreover, practical elaborated use cases are presented to deepen understanding.

The book gives both researchers and practitioners a good overview of the field of synchronmodal optimisation problems and offers the reader practical methods for modelling and problem-solving.

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171,19 €

159,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783031156540

Medium: Buch

ISBN: 978-3-031-15654-0

Verlag: Springer International Publishing

Erscheinungstermin: 16.03.2023

Sprache(n): Englisch

Auflage: 2023

Serie: Lecture Notes in Operations Research

Produktform: Gebunden

Gewicht: 635 g

Seiten: 296

Format (B x H): 160 x 241 mm

