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Nota di contenuto	Intro -- Preface -- References -- Acknowledgements -- Contents -- Acronyms -- Part I Introduction -- 1 Categorisations of Optimisation Problems in Synchromodal Logistics -- Introduction -- Context of Synchromodal Logistics -- Literature -- Optimisation Framework -- Changing Position in the Framework -- Complexity and Self-Organisation -- Uncertainty and Scope of Optimisation -- Conclusion -- References -- 2 Framework of Synchromodal Transportation Problems -- Introduction -- Literature -- Framework Identifiers and Elements -- Identifiers -- Elements -- Notation -- Six-Field Notation -- Two-Column Notation -- On the Two Notations -- Examples --

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Sommario/riassunto

This book introduces readers to the latest advances in synchromodal logistics and presents a framework for classifying various optimisation problems in this field. In turn, it explores how the framework can be used to solve a broad range of problems, such as those with and without a central decision-maker, those with and without full information, deterministic problems, problems involving uncertainty, and the optimisation of a full network design problem. It covers a variety of essential theoretical constructs, such as discrete optimisation, robust optimisation, optimisation under uncertainty, multi-objective optimisation and agent-based equilibrium models. Moreover, it includes practical elaborated use cases to deepen readers' understanding. The book offers a good overview of the field of synchromodal optimisation problems for researchers and practitioners alike, together with practical modelling and problem-solving methods.