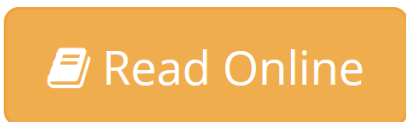


The Logic of Logistics: Theory, Algorithms, and Applications for Logistics Management (Springer Series in Operations Research and Financial Engineering)

By David Simchi-Levi, Xin Chen, Julien Bramel



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Fierce competition in today's global market provides a powerful motivation for developing ever more sophisticated logistics systems. This book, written for the logistics manager and researcher, presents a survey of the modern theory and application of logistics. The goal of the book is to present the state-of-the-art in the science of logistics management. As a result, the authors have written a timely and authoritative survey of this field that many practitioners and researchers will find makes an invaluable companion to their work.

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Editorial Review

Review

"All chapters conclude with many exercises that allow to consolidate the material, models methods and theorems of the relevant chapter. The book is a broad introduction into logistics from a wide perspective. It provides a solid basis for understanding and contribution on more specific topics to the state of the art in modern logistics." (Erwin Pesch, zbMATH 1327.90020, 2016)

"The present book focuses on the application of operational research and mathematical modelling techniques to logistics and supply chain management (SCM) problems. The authors performed a substantial revision of the 1st edition and included a number of new subjects The book is carefully written and is an important reference for readers with a solid background in probability and optimisation theory the present book should be seen as a valuable guide describing techniques that can be applied or adapted to real-life situations." (Teresa Melo, OR News, Issue 25, 2005)

From the Back Cover

Fierce competition in today's global market provides a powerful motivation for developing ever more sophisticated logistics systems. This book, written for the logistics manager and researcher, presents a survey of the modern theory and application of logistics. The goal of the book is to present the state of the art in the science of logistics management.

This third edition includes new chapters on the subjects of game theory, the power of process flexibility, supply chain competition and collaboration. Among the other materials new to the edition are sections on discrete convex analysis and its applications to stochastic inventory models, as well as extended discussions of integrated inventory and pricing models. The material presents a timely and authoritative survey of the field that will make an invaluable companion to the work of many researchers and practitioners.

Review of earlier edition:

"The present book focuses on the application of operational research and mathematical modelling techniques to logistics and supply chain management (SCM) problems. The authors performed a substantial revision of the 1st edition and included a number of new subjects The book is carefully written and is an important reference for readers with a solid background in probability and optimisation theory the present book should be seen as a valuable guide describing techniques that can be applied or adapted to real-life situations." (OR News, Issue 25, 2005)

About the Author

David Simchi-Levi is a professor at the Massachusetts Institute of Technology in Cambridge, Massachusetts.

Xin Chen is an associate professor at the University of Illinois at Urbana-Champaign. Julien Bramel works in financial analysis in New York City.

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As people who live in the modest era should be revise about what going on or info even knowledge to make these keep up with the era which can be always change and move forward. Some of you maybe will update themselves by reading books. It is a good choice to suit your needs but the problems coming to anyone is you don't know which you should start with. This **The Logic of Logistics: Theory, Algorithms, and Applications for Logistics Management (Springer Series in Operations Research and Financial Engineering)** is our recommendation to help you keep up with the world. Why, because this book serves what you want and wish in this era.

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