

Springer

1.
Auflage1st ed. 2018, IX, 208 p. 37
illus.**Gedrucktes Buch**

Hardcover

Gedrucktes Buch

Hardcover

ISBN 978-3-319-63975-8

£ 74,99 | CHF 100,50 | 84,99 € |

93,49 € (A) | 90,94 € (D)

lieferbar

Rabattgruppe

Standard (0)

Produktkategorie

weiterführendes Lehrbuch

ReiheEURO Advanced Tutorials on Operational
Research**Other renditions**

Softcover

ISBN 978-3-319-63977-2

Softcover

ISBN 978-3-319-87687-0

Betriebswirtschaftslehre : Operations Research/Entscheidungstheorie

Lancia, Giuseppe, Serafini, Paolo

Compact Extended Linear Programming Models

- Presents, perhaps for the first time, the theory of compact extended ILP models in the most general and didactic form possible
- Provides a compact yet comprehensive introduction into exponential-size integer linear programming models
- Includes a wealth of examples from various application areas
- Some chapters are self-contained and can be used as short tutorials to the corresponding topics

This book provides a handy, unified introduction to the theory of compact extended formulations of exponential-size integer linear programming (ILP) models. Compact extended formulations are equally powerful, but polynomial-sized, models whose solutions do not require the implementation of separation and pricing procedures. The book is written in a general, didactic form, first developing the background theoretical concepts (polyhedra, projections, linear and integer programming) and then delving into the various techniques for compact extended reformulations. The techniques are illustrated through a wealth of examples touching on many application areas, such as classical combinatorial optimization, network design, timetabling, scheduling, routing, computational biology and bioinformatics. The book is intended for graduate or PhD students – either as an advanced course on selected topics or within a more general course on ILP and mathematical programming – as well as for practitioners and software engineers in industry exploring techniques for developing optimization models for their specific problems.

Bestellen Sie online unter [springer.com/booksellers](https://www.springer.com/booksellers)**Springer Nature Customer Service Center GmbH**

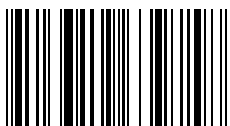
Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com

ISBN 978-3-319-63975-8 / BIC: KJT / SPRINGER NATURE: SC521000

€ (D) sind gebundene Ladenpreise in Deutschland und enthalten 7 % für Printprodukte bzw. 19 % MwSt. für elektronische Produkte. € (A) sind gebundene Ladenpreise in Österreich und enthalten 10 % für Printprodukte bzw. 20 % MwSt. für elektronische Produkte. Die mit * gekennzeichneten Preise sind unverbindliche Preisempfehlungen und enthalten die landesübliche MwSt. Preisänderungen und Irrtümer vorbehalten.

Part of **SPRINGER NATURE**