



1st ed. 2020, VIII, 178 p. 75 illus., 33 illus. in color.

Printed book

Hardcover

49,99 € | £44.99 | \$59.99

^[1]53,49 € (D) | 54,99 € (A) | CHF

66,61

Softcover

49,99 € | £44.99 | \$59.99

^[1]53,49 € (D) | 54,99 € (A) | CHF

59,00

eBook

Available from your library or
springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

V. Bertsch, A. Ardone, M. Suriyah, W. Fichtner, T. Leibfried, V. Heuveline (Eds.)

Advances in Energy System Optimization

Proceedings of the 2nd International Symposium on Energy System Optimization

Series: Trends in Mathematics

- Combines perspectives from mathematics, operational research, energy economics and electrical engineering in an interdisciplinary way
- Develops new approaches to integrated energy system and grid modeling designed to solve real-world energy problems efficiently
- Has a clear methodological focus
- Addresses policy-relevant questions
- Combines state-of-the-art quantitative modelling approaches with applied research questions

The papers presented in this open access book address diverse challenges in decarbonizing energy systems, ranging from operational to investment planning problems, from market economics to technical and environmental considerations, from distribution grids to transmission grids, and from theoretical considerations to data provision concerns and applied case studies. While most papers have a clear methodological focus, they address policy-relevant questions at the same time. The target audience therefore includes academics and experts in industry as well as policy makers, who are interested in state-of-the-art quantitative modelling of policy relevant problems in energy systems. The 2nd International Symposium on Energy System Optimization (ISESO 2018) was held at the Karlsruhe Institute of Technology (KIT) under the symposium theme "Bridging the Gap Between Mathematical Modelling and Policy Support" on October 10th and 11th 2018. ISESO 2018 was organized by the KIT, the Heidelberg Institute for Theoretical Studies (HITS), the Heidelberg University, the German Aerospace Center and the University of Stuttgart.

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

