



Springer

1st
edition1st ed. 2018, X, 518 p. 133
illus., 99 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-1-4939-7821-2

\$ 219,99

Available

Discount group

Professional Books (2)

Product category

Contributed volume

SeriesThe IMA Volumes in Mathematics and its
Applications**Other renditions**

Softcover

ISBN 978-1-4939-9295-9

Mathematics : Systems Theory, Control

Meyn, S., Samad, T., Hiskens, I., Stoustrup, J. (Eds.)

Energy Markets and Responsive Grids

Modeling, Control, and Optimization

- Discusses current and future challenges in energy markets while providing solutions
- Accessible to a broad audience
- Written by leading experts in the field

This volume consists of selected essays by participants of the workshop Control at Large Scales: Energy Markets and Responsive Grids held at the Institute for Mathematics and its Applications, Minneapolis, Minnesota, U.S.A. from May 9-13, 2016. The workshop brought together a diverse group of experts to discuss current and future challenges in energy markets and controls, along with potential solutions. The volume includes chapters on significant challenges in the design of markets and incentives, integration of renewable energy and energy storage, risk management and resilience, and distributed and multi-scale optimization and control. Contributors include leading experts from academia and industry in power systems and markets as well as control science and engineering. This volume will be of use to experts and newcomers interested in all aspects of the challenges facing the creation of a more sustainable electricity infrastructure, in areas such as distributed and stochastic optimization and control, stability theory, economics, policy, and financial mathematics, as well as in all aspects of power system operation.

Order online at [springer.com/booksellers](https://www.springer.com/booksellers)**Springer Nature Customer Service Center LLC**

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-1-4939-7821-2 / BIC: GPFC / SPRINGER NATURE: SCM13070

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**