

Springer

1st
edition1st ed. 2018, XXIV, 370 p.
82 illus., 3 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-3-030-04557-9

\$ 119,99

Available

Discount group

Professional Books (2)

Product category

Monograph

SeriesIFSR International Series in Systems
Science and Systems Engineering**Mathematics : Systems Theory, Control**

Forrest, Jeffrey Yi-Lin

General Systems Theory

Foundation, Intuition and Applications in Business Decision Making

- Includes the most important developments made since the year 2000 in the relevant areas of research
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- Develops a general theory of systems through a constructive interpretation of the yoyo model in the framework of the general system theory approach

This book demonstrates the theoretical value and practical significance of systems science and its logic of thinking by presenting a rigorously developed foundation—a tool for intuitive reasoning, which is supported by both theory and empirical evidence, as well as practical applications in business decision making. Following a foundation of general systems theory, the book presents an applied method to intuitively learn system-sciences fundamentals. The third and final part examines applications of the yoyo model and the theoretical results developed earlier within the context of problems facing business decision makers by organically combining methods of traditional science, the first dimension of science, with those of systems science, the second dimension, as argued by George Klir in the 1990s. This text would benefit graduate students, researchers, or practitioners in the areas of mathematics, systems science or engineering, economics, and business decision science.

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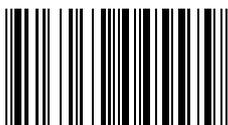
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