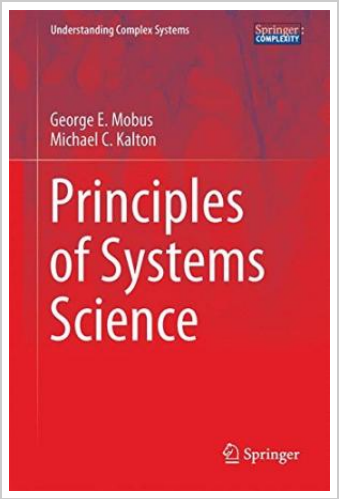

Principles of Systems Science (Hardback)

By George E. Mobus, Michael C. Kalton

Springer-Verlag New York Inc., United States, 2014. Hardback. Condition: New. 2015 ed.. Language: English . Brand New Book. This pioneering text provides a comprehensive introduction to systems structure, function, and modeling as applied in all fields of science and engineering. Systems understanding is increasingly recognized as a key to a more holistic education and greater problem solving skills, and is also reflected in the trend toward interdisciplinary approaches to research on complex phenomena. While the concepts and components of systems science will continue to be distributed throughout the various disciplines, undergraduate degree programs in systems science are also being developed, including at the authors own institutions. However, the subject is approached, systems science as a basis for understanding the components and drivers of phenomena at all scales should be viewed with the same importance as a traditional liberal arts education.Principles of Systems Science contains many graphs, illustrations, side bars, examples, and problems to enhance understanding. From basic principles of organization, complexity, abstract representations, and behavior (dynamics) to deeper aspects such as the relations between information, knowledge, computation, and system control, to higher order aspects such as auto-organization, emergence and evolution, the book provides an integrated perspective on the comprehensive nature...

Reviews

This publication is indeed gripping and interesting. It is rally exciting throgh reading period of time. I am just happy to inform you that this is the very best publication i actually have go through during my individual existence and could be he finest pdf for ever.

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