

Synergetics - an introduction : nonequilibrium phase transitions and self-organization in physics, chemistry, and biology

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Argentina -- Politics and government -- 1910-1943

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Self-organizing systems.

System theory. Synergetics - an introduction : nonequilibrium phase transitions and self-organization in physics, chemistry, and biology

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Springer series in synergetics ; Synergetics - an introduction : nonequilibrium phase transitions and self-organization in physics, chemistry, and biology

Notes: Includes bibliographical references and index.

This edition was published in 1978



Filesize: 32.12 MB

Tags: #An #Introduction

Synergetics: Introduction and Advanced Topics

Hermann Haken has been visiting professor or guest scientist in England, France, Japan, USA, Russia, and China. Distributed active systems 2nd rev.

Synergetics : Introduction and Advanced Topics by Hermann Haken (2012, Trade Paperback) for sale online

The order parameters can be interpreted as the amplitudes of the unstable modes determining the macroscopic pattern. Glansdorff and Prigogine base their work on entropy production principles and use the excess entropy production as means to search for the onset of an instability. Thom: Structural Stability and Morphogenesis W.

Synergetics (Haken)

Going well beyond qualitative analogies between complex systems in fields as diverse as physics, chemistry, biology, sociology and economics, Synergetics uses tools from theoretical physics and mathematics to construct an unifying framework within which quantitative descriptions of complex, self-organizing systems can be made.

The Brain as a Synergetic and Physical System

An ever- increasing number of scientific papers are published on the subject, and numerous conferences all over the world are devoted to it.

Wikizero

Haken: Advanced Synergetics: Instability Hierarchies of Self-Organizing Systems and Devices. Haken's interpretation of the laser principles as

self-organization of paved the way at the end of the 1960s to the development of synergetics.

Synergetics (Haken)

This kind of phenomenon is presently found in quite diverse fields ranging from physics to biology. It had found excellent critics and enthusiastic responses from professors and students welcoming this new interdisciplinary approach. An important line of research by the Brussels school, namely chemical reaction models, comes closer to the spirit of Synergetics.

The Brain as a Synergetic and Physical System

More recent areas of application have been found in medicine and psychology, where the great potential of the basic principles of synergetics can be unearthed.

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