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Collana	World Scientific series on nonlinear science. Series A, Monographs and treatises ; ; v. 51
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Soggetti	Symmetry Complexity (Philosophy) Nonlinear systems
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 389-424) and indexes.
Nota di contenuto	Preface; Contents; Introduction; 1. Symmetry and Complexity in Early Culture and Philosophy; 2. Symmetry and Complexity in Mathematics; 3. Symmetry and Complexity in Physical Sciences; 4. Symmetry and Complexity in Chemical Sciences; 5. Symmetry and Complexity in Life Sciences; 6. Symmetry and Complexity in Economic and Social Sciences; 7. Symmetry and Complexity in Computer Science; 8. Symmetry and Complexity in Philosophy and Arts; References; Subject Index; Name Index
Sommario/riassunto	Cosmic evolution leads from symmetry to complexity by symmetry breaking and phase transitions. The emergence of new order and structure in nature and society is explained by physical, chemical, biological, social and economic self-organization, according to the laws of nonlinear dynamics.