

1. Record Nr.	UNINA9910298203003321
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Titolo	From Collective Beings to Quasi-Systems / / by Gianfranco Minati, Eliano Pessa
Pubbl/distr/stampa	New York, NY : , : Springer US : , : Imprint : Springer, , 2018
ISBN	1-4939-7581-1
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XIX, 386 p. 14 illus., 1 illus. in color.)
Collana	Contemporary Systems Thinking, , 1568-2846
Disciplina	658.40301
Soggetti	Operations research Decision making System theory Economics - Sociological aspects Operations Research/Decision Theory Complex Systems Organizational Studies, Economic Sociology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Chapter 1. The Background of Good-Old-Fashioned-Systemics -- Part. I -- Chapter 2. Perspective new conceptual categories -- Chapter 3. Dynamics -- Chapter 4. From collective beings to quasi-systems -- Chapter 5. New formalisation? -- Chapter 6. Theoretical systemics and quantum field theory -- Chapter 7. Towards a new systemics -- Chapter 8. Network science as new systemics -- Part II -- Chapter 9. Translation into social culture -- Chapter 10. Cases -- Appendix 1 -- Appendix 2.
Sommario/riassunto	This book outlines a possible future theoretical perspective for systemics, its conceptual morphology and landscape while the Good-Old-Fashioned-Systemics (GOFS) era is still under way. The change from GOFS to future systemics can be represented, as shown in the book title, by the conceptual change from Collective Beings to Quasi-systems. With the current advancements, problems and approaches occurring in contemporary science, systemics are moving beyond the traditional frameworks used in the past. From Collective Beings to

Coherent Quasi-Systems outlines a conceptual morphology and landscape for a new theoretical perspective for systemics introducing the concept of Quasi-systems. Advances in domains such as theoretical physics, philosophy of science, cell biology, neuroscience, experimental economics, network science and many others offer new concepts and technical tools to support the creation of a fully transdisciplinary General Theory of Change. This circumstance requires a deep reformulation of systemics, without forgetting the achievements of established conventions. The book is divided into two parts. Part I, examines classic systemic issues from new theoretical perspectives and approaches. A new general unified framework is introduced to help deal with topics such as dynamic structural coherence and Quasi-systems. This new theoretical framework is compared and contrasted with the traditional approaches. Part II focuses on the process of translation into social culture of the theoretical principles, models and approaches introduced in Part I. This translation is urgent in post-industrial societies where emergent processes and problems are still dealt with by using the classical or non-systemic knowledge of the industrial phase.

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