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Titolo	Principles of Complexity Economics : Concepts, Methods and Applications // by Michael Roos
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ISBN	9783031514364 9783031514357
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (759 pages)
Collana	Classroom Companion: Economics, , 2662-2890
Disciplina	330.1
Soggetti	Schools of economics Economics Macroeconomics Microeconomics Power resources Environmental economics Economic policy Heterodox Economics Political Economy and Economic Systems Macroeconomics and Monetary Economics Resource and Environmental Economics Economic Policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Understanding a Complex World -- What is Complexity? -- Measurement of Complexity -- Complexity Economics -- The Economy as a Complex Adaptive System -- Nonlinearity -- Feedback, Circular Causality, and System Dynamics -- Self-Organization -- Emergence, Levels, and Hierarchy -- Economic Evolution, Novelty, and Diversity -- History and Path Dependence -- Adaptation, Learning, and Behavior -- Conclusion: What Does it All Mean?.
Sommario/riassunto	This textbook serves as an introduction to the rising field of complexity economics. In thirteen chapters, it provides a comprehensive and

systematic overview of the concepts and methods of complexity economics and their applications to economic issues. The book explains that the complexity approach is not just another method, but a worldview that is different from the one of academics with neoclassical training. By contrasting complexity economics with neoclassical economics, the readers are induced to reflect on their own unconscious beliefs about the economic world and develop their own approach to dealing with the pervasive complexities and uncertainties of reality. The first five chapters serve as an introduction and overview. Chapters 6 - 12 present the core concepts of the book. Each of the seven chapters introduces a key concept of complexity and provides applications to economics topics. The final chapter discusses the implications of complexity thinking for economic policy and for the future development of economics. This textbook addresses advanced undergraduate students and graduate students of economics, interested in a better understanding of the concepts and the way of thinking in complexity economics, as well as in acquiring a sound technical foundation to understand most of the research literature.
