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Nota di contenuto	Contents; Preface; Acknowledgments; Sources; Introduction; I Philosophical Perspectives on Emergence; Introduction to Philosophical Perspectives on Emergence; 1 The Rise and Fall of British Emergentism; 2 On the Idea of Emergence; 3 Reductionism and the Irreducibility of Consciousness; 4 Emergence and Supervenience; 5 Aggregativity: Reductive Heuristics for Finding Emergence; 6 How Properties Emerge; 7 Making Sense of Emergence; 8 Downward Causation and Autonomy in Weak Emergence; 9 Real Patterns; II Scientific Perspectives on Emergence; Introduction to Scientific Perspectives on Emergence 10 More is Different: Broken Symmetry and the Nature of the Hierarchical Structure of Science11 Emergence; 12 Sorting and Mixing: Race and Sex; 13 Alternative Views of Complexity; 14 The Theory of Everything; 15 Is Anything Ever New? Considering Emergence; 16 Design, Observation, Surprise! A Test of Emergence; 17 Ansatz for Dynamical Hierarchies; III Background and Polemics; Introduction to Background and Polemics; 18 Newtonianism, Reductionism and the Art of Congressional Testimony; 19 Issues in the Logic of Reductive Explanations; 20 Chaos

21 Undecidability and Intractability in Theoretical Physics22 Special Sciences (Or: The Disunity of Science as a Working Hypothesis); 23 Supervenience; 24 The Nonreductivist's Troubles with Mental Causation; Annotated Bibliography; About the Authors; Index

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Sommario/riassunto

This reader collects in one easy, accessible place, classic writings on emergence from contemporary philosophy and science. This title includes contributions from the likes of John Searle, Stephen Weinberg, Thomas Schelling, Stephen Wolfram and Jenny Fodor.

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