

1. Record Nr.	UNINA9910807789903321
Autore	Kellert Stephen H
Titolo	In the wake of chaos : unpredictable order in dynamical systems // Stephen H. Kellert
Pubbl/distr/stampa	Chicago, : University of Chicago Press, 1993
ISBN	1-283-05831-6 9786613058317 0-226-42982-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (191 p.)
Collana	Science and its conceptual foundations
Classificazione	CC 3200
Disciplina	003/.7
Soggetti	Chaotic behavior in systems Science - Philosophy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter -- Contents -- Acknowledgments -- Prologue -- 1. What Is Chaos Theory? -- 2. Varieties of the Impossible -- 3. Unpeeling the Layers of Determinism -- 4. On the Way to Dynamic Understanding -- 5. Beyond the Clockwork Hegemony -- References -- Index
Sommario/riassunto	Chaos theory has captured scientific and popular attention. What began as the discovery of randomness in simple physical systems has become a widespread fascination with "chaotic" models of everything from business cycles to brainwaves to heart attacks. But what exactly does this explosion of new research into chaotic phenomena mean for our understanding of the world? In this timely book, Stephen Kellert takes the first sustained look at the broad intellectual and philosophical questions raised by recent advances in chaos theory-its implications for science as a source of knowledge and for the very meaning of that knowledge itself.