

1. Record Nr.	UNINA9910464347503321
Autore	Berger Helge
Titolo	Forecasting ECB monetary policy [[electronic resource]] : accuracy is (still) a matter of geography / / prepared by Helge Berger, Michael Ehrmann, and Marcel Fratzscher
Pubbl/distr/stampa	[Washington, D.C.], : International Monetary Fund, c2006
ISBN	1-4623-3064-9 1-4527-0172-5 1-283-51757-4 9786613830029 1-4519-0837-7
Descrizione fisica	1 online resource (42 p.)
Collana	IMF working paper ; ; WP/06/41
Altri autori (Persone)	EhrmannMichael FratzscherMarcel
Soggetti	Monetary policy - European Union countries Electronic books. European Union countries Economic policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"February 2006".
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""I. INTRODUCTION""; ""II. DATA AND SOME STYLIZED FACTS""; ""III. THE ROLE OF GEOGRAPHY, MACRO CONDITIONS, AND HISTORY""; ""IV. DECOMPOSITION OF THE FORECASTING ERRORS""; ""V. CONCLUSIONS""; ""References""

2. Record Nr.	UNINA9910956105903321
Autore	Peitgen Heinz-Otto <1945->
Titolo	Chaos and Fractals : New Frontiers of Science / / by Heinz-Otto Peitgen, Hartmut Jürgens, Dietmar Saupe
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 1992
ISBN	9781475747409 1475747403
Edizione	[1st ed. 1992.]
Descrizione fisica	1 online resource (XXXII, 999 p.)
Classificazione	58F13 70K50
Disciplina	510 003.857
Soggetti	Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction: Causality Principle, Deterministic Laws and Chaos -- 1 The Backbone of Fractals: Feedback and the Iterator -- 2 Classical Fractals and Self-Similarity -- 3 Limits and Self-Similarity -- 4 Length, Area and Dimension: Measuring Complexity and Scaling Properties -- 5 Encoding Images by Simple Transformations -- 6 The Chaos Game: How Randomness Creates Deterministic Shapes -- 7 Recursive Structures: Growing of Fractals and Plants -- 8 Pascal's Triangle: Cellular Automata and Attractors -- 9 Irregular Shapes: Randomness in Fractal Constructions -- 10 Deterministic Chaos: Sensitivity, Mixing, and Periodic Points -- 11 Order and Chaos: Period-Doubling and its Chaotic Mirror -- 12 Strange Attractors: The Locus of Chaos -- 13 Julia Sets: Fractal Basin Boundaries -- 14 The Mandelbrot Set: Ordering the Julia Sets -- A A Discussion of Fractal Image Compression -- A.1 Self-Similarity in Images -- A.2 A Special MRCM -- A.3 Encoding Images -- A.4 Ways to Partition Images -- A.5 Implementation Notes -- B Multifractal Measures -- B.1 Introduction -- B.2 The Binomial and Multinomial Measures -- B.5 Some Applications, and Advanced Multifractals.
Sommario/riassunto	For almost 15 years chaos and fractals have been riding a wave that has enveloped many areas of mathematics and the natural sciences in its

power, creativity and expanse. Traveling far beyond the traditional bounds of mathematics and science to the distant shores of popular culture, this wave captures the attention and enthusiasm of a worldwide audience. The fourteen chapters of this book cover the central ideas and concepts of chaos and fractals as well as many related topics including: the Mandelbrot Set, Julia Sets, Cellulair Automata, L-systems, Percolation and Strange Attractors. Each chapter is closed by a "Program of the Chapter" which provides computer code for a central experiment. Two appendices complement the book. The first, by Yuval Fisher, discusses the details and ideas of fractal images and compression; the second, by Carl J.G. Evertsz and Benoit Mandelbrot, introduces the foundations and implications of multifractals.
