

1. Record Nr.	UNISA996466507603316
Autore	Keller Karsten
Titolo	Invariant Factors, Julia Equivalences and the (Abstract) Mandelbrot Set [[electronic resource] /] / by Karsten Keller
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2000
ISBN	3-540-45589-2
Edizione	[1st ed. 2000.]
Descrizione fisica	1 online resource (XII, 208 p.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 1732
Classificazione	37B10 54H20 30D05
Disciplina	514.74
Soggetti	Partial differential equations Topology Partial Differential Equations
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	1. Introduction: Quadratic iteration and Julia equivalences. The Mandelbrot set -- 2. Abstract Julia sets: Symbolic dynamics of the angle-doubling map. Invariant laminations. Julia equivalences -- 3. The Abstract Mandelbrot set: The Abstract Mandelbrot set - an atlas of Abstract Julia sets. The ordered Abstract Mandelbrot set. Renormalization. Correspondence and Translation Principles -- 4. Abstract and concrete theory: Quadratic iteration. Miscellaneous. Appendix: Invariant and completely invariant factors. Simple statements. Shift-invariant factors. Further interesting examples.
Sommario/riassunto	This book is mainly devoted to the combinatorics of quadratic holomorphic dynamics. The conceptual kernel is a self-contained abstract counterpart of connected quadratic Julia sets which is built on Thurston's concept of a quadratic invariant lamination and on symbolic descriptions of the angle-doubling map. The theory obtained is illustrated in the complex plane. It is used to give rigorous proofs of some well-known and some partially new statements on the structure of the Mandelbrot set. The text is intended for graduate students and researchers. Some elementary knowledge in topology and in functions

of one complex variable is assumed.

2. Record Nr.	UNINA9910347052203321
Autore	Hage Christoph
Titolo	Grundlegende Aspekte des 2K-Metallpulverspritzgießens
Pubbl/distr/stampa	KIT Scientific Publishing, 2013
ISBN	1000040997
Descrizione fisica	1 online resource (III, 138 p. p.)
Collana	Schriftenreihe des Instituts für Angewandte Materialien, Karlsruher Institut für Technologie
Soggetti	Technology: general issues
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	An important requirement for the combination of two materials in order to get a low stress and low warpage, crack-free composite component is a timely synchronized sintering behavior of both components. The aim of this work was to analyze the effect of the particle size distribution on the sintering behavior and the resulting consequences of the particle size change for the flow properties during injection molding.