

1. Record Nr.	UNINA9910458462303321
Autore	Dolotin V (Valerii Valerevich)
Titolo	The universal mandelbrot set [[electronic resource] ] : beginning of the story // V. Dolotin, A. Morozov
Pubbl/distr/stampa	Hackensack, NJ, : World Scientific Pub., c2006
ISBN	1-281-92469-5 9786611924690 981-277-335-5
Descrizione fisica	1 online resource (176 p.)
Altri autori (Persone)	MorozovA. D <1944-> (Albert Dmitrievich)
Disciplina	514/.742
Soggetti	Mandelbrot sets Electronic books.
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 (p. 161-162).
Nota di contenuto	Contents ; Preface ; 1. Introduction ; 2. Notions and notation ; 2.1 Objects associated with the space X ; 2.2 Objects associated with the space M ; 2.3 Combinatorial objects ; 2.4 Relations between the notions ; 3. Summary ; 3.1 Orbits and grand orbits ; 3.2 Mandelbrot sets 3.2.1 Forest structure and discriminants ; 3.2.2 Relation to resultant stability domains ; 3.2.3 Relation to locations of elementary domains ; 3.2.4 Critical points and ; 3.2.5 Perturbation theory and approximate self-similarity of Mandelbrot set ; 3.2.6 Trails in the forest ; 3.3 Sheaf of Julia sets over moduli space ; 4. Fragments of theory ; 4.1 Orbits and reduction theory of iterated maps ; 4.2 Bifurcations and discriminants: from real to complex ; 4.3 Discriminants and resultants for iterated maps ; 4.4 Period-doubling and beyond ; 4.5 Stability and Mandelbrot set ; 4.6 Towards

the theory of Julia sets ; 4.6.1 Grand orbits  
and algebraic Julia sets ; 4.6.2 From  
algebraic to ordinary Julia set ; 4.6.3  
Bifurcations of Julia set ; 4.7 On discriminant  
analysis for grand orbits  
4.7.2 Irreducible constituents of discriminants and resultants  
4.7.6 Summary ; 4.7.7 On interpretation of wntk  
; 4.8 Combinatorics of discriminants and resultants  
; 4.9 Shapes of Julia and Mandelbrot sets ;  
4.9.1 Generalities  
4.9.2 Exact statements about 1-parametric families of polynomials of  
power-d

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Sommario/riassunto

This book is devoted to the structure of the Mandelbrot set - a remarkable and important feature of modern theoretical physics, related to chaos and fractals and simultaneously to analytical functions, Riemann surfaces, phase transitions and string theory. The Mandelbrot set is one of the bridges connecting the world of chaos and order. The authors restrict consideration to *discrete* dynamics *of a single variable*. This restriction preserves the most essential properties of the subject, but drastically simplifies computer simulations and the mathematical formalism. The coverage

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2. Record Nr.	UNINA9910790207403321
Autore	Simms Eva M
Titolo	The child in the world [[electronic resource] ] : embodiment, time, and language in early childhood // Eva M. Simms
Pubbl/distr/stampa	Detroit, Mich., : Wayne State University Press, c2008
ISBN	0-8143-3840-2
Descrizione fisica	1 online resource (262 p.)
Collana	Landscapes of childhood
Disciplina	155.42/3
Soggetti	Child psychology Child development
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 (p. 233-242) and index.
Nota di contenuto	Milk and flesh : infancy and coexistence -- The world's skin ever expanding : spatiality and the structures of child consciousness -- About hens, hands, and old-fashioned telephones : gestural bodies and participatory consciousness -- The child in the world of things -- Playing at the edge : what we can learn from therapeutic play -- Because we are the upsurge of time : toward a genetic phenomenology of lived time -- Babble in the house of being : pointing, grammar, and metaphor in early language acquisition -- The invention of childhood : historical and cultural changes in selfhood and literacy.