

1. Record Nr.	UNISALENTOb1075062
Autore	Alligood, Kathleen T.
Titolo	Chaos and fractals : the mathematics behind the computer graphics / Robert L. Devaney and Linda Keen, editors ; [authors] Kathleen T. Alligood ... [et al.]
Pubbl/distr/stampa	Providence, R.I. : American Mathematical Society, c1989
ISBN	0821801376
Descrizione fisica	ix, 148 p., [16] p. of plates : ill. (some col.) ; 26 cm.
Collana	Proceedings of symposia in applied mathematics, 0160-7634 ; 39. AMS short course lecture notes
Classificazione	AMS 30C99 AMS 34C35 AMS 51M99 AMS 58F99
Altri autori (Persone)	Devaney, Robert L. <1948- > Keen, Lindaauthor
Disciplina	006.6
Soggetti	Computer graphics-mathematics Fractals
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Synopses of the talks and lecture notes ... published in the April 1988 issue of the Notices of the American Mathematical Society on pages 597-599". Includes bibliographical references and index. Contents: Overview : dynamics of simple maps / Robert L. Devaney. Nonlinear oscillations and the Smale horseshoe map / Philip J. Holmes. Fractal basin boundaries and chaotic attractors / Kathleen T. Alligood and James A. Yorke. Julia Sets / Linda Keen. The Mandelbrot set / Bodil Branner. Introduction to fractals / Jenny Harrison. Iterated function systems / Michael F. Barnsley