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This book provides the reader with an elementary introduction to chaos and fractals, suitable for students with a background in elementary algebra, without assuming prior coursework in calculus or physics.

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Chaos and Fractals: An Elementary Introduction 1st Edition by David P. Feldman (Author)

Chaos and Fractals; Fractals and Chaos; Chaos and Fractals ...

Julia Set Fractals. (Warning: This program displays Julia sets flipped horizontally. It uses a slightly different definition of the quadratic function and so its Julia sets are mirror images of those in the book and those made by most other programs.

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Chaos and Fractals: An Elementary Introduction David P. Feldman. This book provides the reader with an elementary introduction to chaos and fractals, suitable for students with a background in elementary algebra, without assuming prior coursework in calculus or physics.

Chaos And Fractals An Elementary

Chaos and Fractals: An Elementary Introduction by David P. Feldman, Oxford University Press (2012) 448 pages, 282 problems and exercises, 333 figures This book provides the reader with an elementary introduction to chaos and fractals, suitable for students with a background in elementary algebra, without assuming prior coursework in calculus or physics.

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This book provides an elementary introduction to chaos and fractals. It introduces the key phenomena of chaos — aperiodicity, sensitive dependence on initial conditions, bifurcations — via simple iterated functions. Fractals are introduced as self-similar geometric objects and analysed with the self-similarity and box-counting dimensions.

Chaos and Fractals: An Elementary Introduction

Fractals and Chaos: An Illustrated Course provides you with a practical, elementary introduction to fractal geometry and chaotic dynamics—subjects that have attracted immense interest throughout the scientific and engineering disciplines. The book may be used in part or as a whole to form an introductory course in either or both subject areas.

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