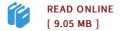


Encounters with Chaos and Fractals (2nd Revised edition)

By Denny Gulick

Taylor & Francis Inc. Hardback. Book Condition: new. BRAND NEW, Encounters with Chaos and Fractals (2nd Revised edition), Denny Gulick, Now with an extensive introduction to fractal geometry Revised and updated, Encounters with Chaos and Fractals, Second Edition provides an accessible introduction to chaotic dynamics and fractal geometry for readers with a calculus background. It incorporates important mathematical concepts associated with these areas and backs up the definitions and results with motivation, examples, and applications. Laying the groundwork for later chapters, the text begins with examples of mathematical behavior exhibited by chaotic systems, first in one dimension and then in two and three dimensions. Focusing on fractal geometry, the author goes on to introduce famous infinitely complicated fractals. He analyzes them and explains how to obtain computer renditions of them. The book concludes with the famous Julia sets and the Mandelbrot set. With more than enough material for a one-semester course, this book gives readers an appreciation of the beauty and diversity of applications of chaotic dynamics and fractal geometry. It shows how these subjects continue to grow within mathematics and in many other disciplines.



Reviews

Absolutely essential read book. It is probably the most incredible pdf i have got read through. You will like the way the writer publish this pdf. -- Griffin Hirthe

The most effective publication i ever study. I am quite late in start reading this one, but better then never. You wont sense monotony at whenever you want of your time (that's what catalogs are for concerning in the event you ask me). -- Prof. Erin Larson I

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