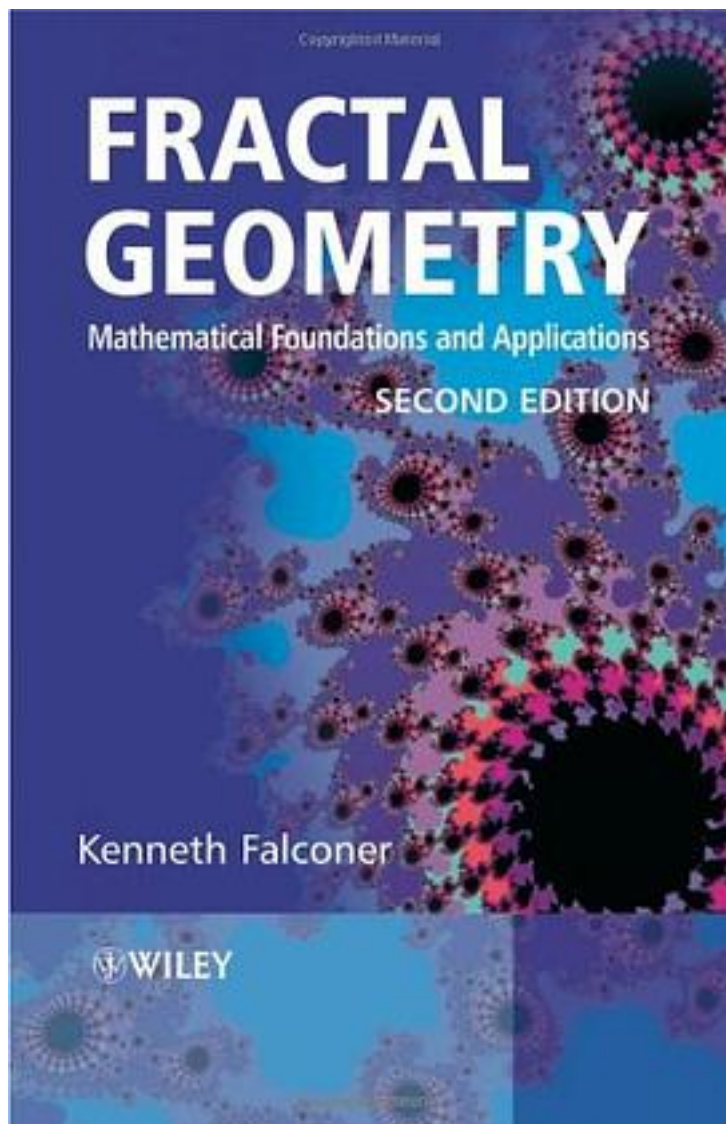# Fractal Geometry

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Since its original publication in 1990, Kenneth Falconera s Fractal Geometry: Mathematical Foundations and Applications has become a seminal text on the mathematics of fractals. It introduces the general mathematical theory and applications of fractals in a way that is accessible to students from a wide range of disciplines. This new edition has been extensively revised and updated. It features much new material, many additional exercises, notes and references, and an extended bibliography that reflects the development of the subject since the first edition. aeo Provides a comprehensive and accessible introduction to the mathematical theory and applications of fractals. aeo Each topic is carefully explained and illustrated by examples and figures. aeo Includes all necessary mathematical background material. aeo Includes notes and references to enable the reader to pursue individual topics. aeo Features a wide selection of exercises, enabling the reader to develop their understanding of the theory. aeo Supported by a Web site featuring solutions to exercises, and additional material for students and lecturers. Fractal Geometry: Mathematical Foundations and Applications is aimed at undergraduate and graduate students studying courses in fractal geometry. The book also provides an excellent source of reference for researchers who encounter fractals in mathematics, physics, engineering, and the applied sciences. Also by Kenneth Falconer and available from Wiley: Techniques in Fractal Geometry ISBN 0--471--95724--0 Please click here to download solutions to exercises found within this title: http://www.wileyeurope.com/fractal

作者介绍:

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标签

分形

数学

fractal

科普

geometry

艺术

英文原版

科学科普

评论

分形初步

不难读，有些部分只有证明概要，但想法都介绍的很明白，好像又出了新版吧。。。

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书评

不是严谨的笔记，但本人的写作态度还是比较正经的。本文之内有作者在融汇近现代分析、代数、几何基本理论之下的大量旁征博引与自由发挥，参考价值肯定是很大的，错误也一定是有的，有些东西随着阅读深入，如果发现我会自行改正，持续更新… §1 (what is) a fractal 分形应该...

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