## DEPARTMENT FOR CONTINUING EDUCATION

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## **READING LIST**

Course Title: Fractals: Repeating Patterns in Nature and Science

Location: Ewert House, Oxford

Term Dates: 25 Jan 2024 to 28 Mar 2024

Tutor: Marina Debattista

The reading list below was supplied by the course tutor.

If you have enrolled on a course starting in the autumn, you can become a borrowing member of the Rewley House library from 1st September. If you are enrolled on a course starting in other terms, you can become a borrowing member once the previous term has ended. For example, students starting in January can join the Library in early December and those starting in April can join in early March.

If you are planning to purchase any books, please keep in mind that courses with insufficient students enrolled will be cancelled. The Department accepts no responsibility for books bought in anticipation of a course running.

## **Preparatory Reading List**

The items on this list are to give you some background to the materials and ideas that we will be covering on the course.

Author	Title
Feldman, David P	Chaos and Fractals: An Elementary Introduction
Gleick, J	Chaos: Making a New Science
Mandelbrot, B	The Fractal Geometry of Nature
Peak, D. and Frame, M	Chaos under Control: The Art and Science of Complexity