

Fractals Everywhere: New Edition (Dover Books on Mathematics)

Michael F. Barnsley, Mathematics



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Fractals Everywhere: New Edition (Dover Books on Mathematics) Michael F. Barnsley, Mathematics "Difficult concepts are introduced in a clear fashion with excellent diagrams and graphs." — Alan E. Wessel, Santa Clara University

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Suitable for undergraduates and graduate students of many backgrounds, the treatment starts with an introduction to basic topological ideas. Subsequent chapters examine transformations on metric spaces, dynamics on fractals, fractal dimension and interpolation, Julia sets, and parameter spaces. A final chapter introduces measures on fractals and measures in general. Problems and tools emphasize fractal applications, and an answers section contains solutions and hints.



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