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Fractals and Multifractals: Old Themes and a Surprising New Construction



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Benoît B. Mandelbrot is a Battelle Fellow at the Pacific Northwest National Laboratory, the Sterling Professor Emeritus of Mathematical Sciences at Yale University and an IBM Fellow Emeritus (Physics) at the IBM Research Center.

He is best known as the founder of fractal geometry—the first broad attempt to investigate quantitatively the ubiquitous notion of roughness.

A graduate of the Paris Ecole Polytechnique; M.S. and Ae.E. in Aeronautics, California Institute of Technology; Docteur ès Sciences Mathématiques, University of Paris. He holds numerous doctorates honoris causa. His awards include the 1993 Wolf Prize for Physics, the 2003 Japan Prize for Science and Technology, and the 2005 Waclaw Sierpinski Prize in Mathematics of Warsaw University.

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