

**Mandelbrot, Benoit B.**

**The fractal geometry of nature. Rev. ed. of “Fractals”, 1977.** (English) Zbl 0504.28001  
San Francisco: W. H. Freeman and Company. 461 p. (1982).

For a scan of this review see the [web version](#).

**MSC:**

- 28-01 Introductory exposition (textbooks, tutorial papers, etc.) pertaining to measure and integration
- 51-01 Introductory exposition (textbooks, tutorial papers, etc.) pertaining to geometry
- 28A75 Length, area, volume, other geometric measure theory
- 28A80 Fractals
- 60D05 Geometric probability and stochastic geometry
- 00A69 General applied mathematics
- 00A79 Physics (Use more specific entries from Sections 70-XX through 86-XX when possible)

Cited in **32** Reviews  
Cited in **1057** Documents

**Keywords:**

fractal; Hausdorff dimension scaling; stochastic processes; turbulence; hierarchies; Hausdorff measure