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	Nota di contenuto	Fractal Analysis - Applications and Updates -- Contents -- Preface -- Chapter1 Introductory Chapter: Fractal Analysis - Applications and Updates -- Chapter2 Fractal Methods in Nonequilibrium Systems -- Chapter3 Derivation and Integration on a Fractal Subset of the Real Line -- Chapter4 Generalised Z-Entropy (Gze) and Fractal Dimensions (FDs) -- Chapter5 Fractal Analysis of Façades of Historical Public Buildings with Box Count Method: The Case of Afyonkarahisar -- Chapter6 Fractal Characterization of Microstructure of Materials and Correlation withTheir Properties on the Basis of Digital Materials Science Concept -- Chapter7 The Finite Fractal Distributions as Mean Grain Size Distributions of Granular Matter -- Chapter8 Placental Growth and Development Analyzed through 2D and 3D Fractals -- Chapter9 Multiscaling Description of the Space-Time Structure of Rainfall -- Chapter10 Fractal and Multifractal Characterization of 3D Video Signals.
	Sommario/riassunto	This book includes ten chapters that discuss applications and updates in fractal analysis across the full spectrum of sciences, including mathematical concepts, cities, material physics, medicine, climate, and image processing. It is a valuable source of knowledge for researchers and students working on fractal analysis and its applications.