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Autore	Lowen Steven Bradley <1962->
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Altri autori (Persone)	TeichMalvin Carl
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Chaotic system with fractal attractor: time course; 2.10 Nonchaotic system with fractal attractor; 2.7 Origins of Fractal Behavior 2.11 Nonchaotic system with fractal attractor: time course 2.8 Ubiquity of Fractal Behavior; Problems; 3 Point Processes: Definition and Measures; 3.1 Point Processes; 3.2 Representations; 3.1 Point-process representations; 3.3 Interval-Based Measures; 3.2 Rescaled-range analysis: pseudocode; 3.3 Rescaled-range analysis: illustration; 3.4 Detrended fluctuation analysis: pseudocode; 3.4 Count-Based Measures; 3.5 Detrended fluctuation analysis: illustration; 3.6 Construction of normalized variances; 3.5 Other Measures; Problems; 4 Point Processes: Examples; 4.1 Homogeneous Poisson Point Process 4.2 Renewal Point Processes 4.3 Doubly Stochastic Poisson Point Processes; 4.1 Stochastic-rate point processes; 4.4 Integrate-and-Reset Point Processes; 4.5 Cascaded Point Processes; 4.2 Cascaded point process; 4.6 Branching Point Processes; 4.7 Levy-Dust Counterexample; Problems; 5 Fractal and Fractal-Rate Point Processes; 5.1 Measures of Fractal Behavior in Point Processes; 5.2 Ranges of Power-Law Exponents; 5.3 Relationships among Measures; 5.4 Examples of Fractal Behavior in Point Processes; 5.1 Representative rate spectra; 5.2 Representative normalized Haar-wavelet variances 5.5 Fractal-Based Point Processes 5.3 Normalized Daubechies-wavelet variances; 5.4 Fractal and nonfractal point processes; 5.5 Fractal-rate and nonfractal point processes; Problems; 5.6 Estimated normalized-variance curves; 5.7 Representative interval spectra; 5.8 Representative interval wavelet variances; 5.9 Representative interevent-interval histograms; 5.10 Representative capacity dimensions; 5.11 Generalized dimensions for an exocytic point process; 6 Processes Based on Fractional Brownian Motion; 6.1 Fractional Brownian Motion; 6.1 Realizations of fractional Brownian motion 6.2 Fractional Gaussian Noise

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#### Sommario/riassunto

An integrated approach to fractals and point processes This publication provides a complete and integrated presentation of the fields of fractals and point processes, from definitions and measures to analysis and estimation. The authors skillfully demonstrate how fractal-based point processes, established as the intersection of these two fields, are tremendously useful for representing and describing a wide variety of diverse phenomena in the physical and biological sciences. Topics range from information-packet arrivals on a computer network to action-potential occurrences in a neural

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2. Record Nr.	UNISA996391661603316
Autore	Nye Philip <1596?-1672.>
Titolo	Beames of former light [[electronic resource]] : discovering how evil it is to impose doubtfull and disputable formes or practises, upon ministers: especially under the penalty of ejection for non-conformity unto the same. As also something about catechizing
Pubbl/distr/stampa	London, : Printed by R.I. for Adoniram Byfield, at the three Bibles in Cornhill, next door to Popes-head-Alley., 1660
Descrizione fisica	[18], 241, [7] p
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Lingua di pubblicazione	Inglese
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Note generali	Attributed to Philip Nye by Wing. With two final advertisement leaves. Annotation on Thomason copy: "March. 1659"; the 60 in the imprint date has been crossed out. Reproduction of the original in the British Library.
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