

1.	Record Nr.	UNINA990004795780403321
	Autore	Benda, Julien <1867-1956>
	Titolo	La grande épreuve des démocraties : essai sur les principes démocratiques, leur nature, leur histoire, leur valeur philosophique / Julien Benda
	Pubbl/distr/stampa	New York : Editions de la Maison française, [1942]
	Locazione	FLFBC
	Collocazione	3/IV C 37
	Lingua di pubblicazione	Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA990008646240403321
	Autore	Cattell, David T.
	Titolo	La diplomazia sovietica e la guerra civile spagnola / David T. Cattell ; traduzione dall'inglese di Maria Lucioni
	Pubbl/distr/stampa	Milano : Feltrinelli, 1963
	Descrizione fisica	232 p. ; 18 cm
	Collana	I fatti e le idee ; 43
	Locazione	DFD
	Collocazione	XI ES C 13
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia

3. Record Nr.	UNINA9910829990203321
Autore	Kaye Brian H (Brian Howard), <1932->
Titolo	A random walk through fractal dimensions [[electronic resource] /] / Brian H. Kaye
Pubbl/distr/stampa	New York, : VCH, 1994
ISBN	1-281-75882-5 9786611758820 3-527-61599-7 3-527-61598-9
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (455 p.)
Disciplina	514.74 515.73 516
Soggetti	Fractals Geometry, Algebraic
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [411]-415) and indexes.
Nota di contenuto	A Random Walk Through Fractal Dimensions; Contents; Word Finder; Coloured Plates; 1 A Starting Point for the Randomwalk; References; 2 Fractal Description of Fineparticle Boundaries; 2.1 The Fractal Dimensions of a Famous Carbonblack Profile; 2.2 The Dangerous Art of Extrapolation for Predicting Physical Phenomena; 2.3 Discovering Texture Fractals; 2.4 Experimental Methods for Characterizing Fineparticle Boundaries; References; 3 What Use are Fractals?; 3.1 Elegance and Utility of Fractal Dimensions; 3.2 Fractal Description of Powder Metal Grains and Special Metal Crystals 3.3 Fractals and the Flow of Dry Powders3.4 Fractals in the Mining Industry; 3.5 Fractal Structure of Cosmic Fineparticles; 3.6 Fractal Structure of Some Types of Sand Grains; 3.7 Fractal Structure of Some Respirable Dusts; 3.7.1 What is the Technical Meaning of Respirable Dust?; 3.7.2 Is Fumed Silica a Respirable Hazard?; 3.7.3 Dust from Nuclear Reactor Systems; 3.7.4 Fuse Fumes and Welding Dust; 3.7.5 Characteristics of Dust Generated by Explosions; 3.7.6 Diesel Soot and Fumed Pigments; 3.7.7 Fractal Specimens of Flyash; 3.8 Polymer Grains

and Rubber Crumbs; 3.9 Fineparticle Look-Alikes

References
4 Delinquent Coins and Staggering Drunks; 4.1 A Capricious Selection of Terms that Describe Random Events; 4.2 Chance, Probability and Error; 4.3 Monte Carlo Technique for Studying Stochastic Processes; 4.4 Randomwalks in One-Dimensional Space; 4.5 Delinquent Coins and Cantorian Dusts; 4.6 The Devil's Staircase and Crystal Structure; 4.7 Pin-ball Machines and Some Random Thoughts on the Philosophical Significance of Fractal Dimensions; 4.8 Plumes with Fractal Boundaries; 4.9 Gaussian Graph Paper, Fractal Distributions and Elephants in the Face Powder; References

5 Fractal Systems Generated by Randomwalks in Two-Dimensional Space
5.1 Randomwalks on a Rectangular Lattice in Two-Dimensional Space; 5.2 The Use of Polar Co-ordinates to Describe Random Progress in Two-Dimensional Space; 5.3 Randomwalk Modelling of Fractal Deposits in Two-Dimensional Space; 5.4 Pigmented Coatings and Percolating Systems; 5.5 Mathematical Description of Fractal Clusters; 5.6 Percolating Pathways and Scaling Properties; 5.7 The Fractal Structure of Clusters Generated by Diffusion-Limited Aggregation (DLA); References

6 Vanishing Carpets, Fractal Felts and Dendritic Capture Trees
6.1 Sierpinski Carpets and Swiss Cheese; 6.2 A Fractal Description of the Deposition Efficiency of Simulated Pesticide Spray Systems; 6.3 Sierpinski Fractal Description of Real Dispersed Systems; 6.4 Exploring the Fractal Structures of Filters; 6.5 Dendritic Capture Trees in Filter Systems; 6.6 Cantor on the Rocks; References; 7 An Exploration of the Physical Significance of Fractal Structures in Three-Dimensional Space; 7.1 Randomwalk Theory of Powder Mixing in Three- and Four-Dimensional Space

7.2 Fractal Geometry and Aerosol Physics

Sommario/riassunto

Fractal geometry is revolutionizing the descriptive mathematics of applied materials systems. Rather than presenting a mathematical treatise, Brian Kaye demonstrates the power of fractal geometry in describing materials ranging from Swiss cheese to pyrolytic graphite. Written from a practical point of view, the author assiduously avoids the use of equations while introducing the reader to numerous interesting and challenging problems in subject areas ranging from geography to fine particle science. The second edition of this successful book provides up-to-date literature coverage of the use of
