1. Record Nr. UNINA9910795972103321

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Titolo	Human behavior in the social environment : theories for social work practice / / Bruce A. Thyer, Catherine N. Dulmus, Karen M. Sowers
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, 2012
ISBN	1-118-22725-5 1-283-91726-2 1-118-24016-2
Descrizione fisica	xxxiv, 513 p. : ill
Classificazione	369.16 361.4 150.1023/36132
Altri autori (Persone)	DulmusCatherine N SowersKaren M (Karen Marlaine)
Disciplina	150.1023/36132
Soggetti	Human behavior Social service
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references and indexes
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Machine generated contents note: Chapter 1: Human Behavior and the Social Environment: Exploring Conceptual Foundations (Susan I. Stone, Stephanie Berzin, Sarah Taylor, and Michael J. Austin) Chapter 2: Respondent Learning Theory (Bruce A. Thyer) Chapter 3: Operant Learning Theory (Stephen E. Wong) Chapter 4: Cognitive-Behavioral Theory (Paula S. Nurius and Rebecca J. Macy) Chapter 5: Attachment Theory (Michelle Mohr Carney and Frederick P. Buttell) Chapter 6: Psychosocial Theory (Roberta R. Greene) Chapter 7: Person-Centered Theory (Michael J. Holosko, Jeffrey Skinner, and Ra'Shanda S. Robinson) Chapter 8: Genetic Theory (Laura J. Pankow) Chapter 9: Ecosystems Theory (Mark A. Mattaini and Kristen Huffman-Gottschling) Chapter 10: Small Group Theory (Lorraine Moya Salas, Dominique Roe-Sepowitz, and Craig Winston LeCroy) Chapter 11: Family Systems Theory (Martha Morrison Dore) Chapter 12: Organizational Theory (John E. Tropman) Chapter 13: The Potentially Harmful Effects of Theory in Social Work (Bruce A. Thyer).
Sommario/riassunto	"Human Behavior in the Social Environment (HBSE) is a critical course

	for social work students because it introduces them to the very specific person-in-environment, biopsychosocial perspective that sets social work apart from other helping professions. Authored by the foremost scholars in the field, this book takes a theoretical approach to human behavior in the social environment and covers all the major theories--from cognitive behavioral to family systems to psychosocial. Aligned with social work accreditation standards (EPAS), this book provides social work students with thorough coverage of human behavior at every level of interaction"--

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Record Nr.	UNINA9910825960803321
Autore	Dauphine Andre
Titolo	Fractal geography / / Andre Dauphine
Pubbl/distr/stampa	London, : ISTE Hoboken, N.J., : Wiley, c2012
ISBN	9781118603178 1118603176 9781299187764 1299187765 9781118603024 1118603028 9781118603161 1118603168
Descrizione fisica	1 online resource (261 p.)
Collana	ISTE
Disciplina	910.01/514742
Soggetti	Geography - Mathematics Fractals
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. [221]-238) and index.
Nota di contenuto	Cover; Title Page; Copyright Page; Table of Contents; Introduction; Chapter 1. A Fractal World; 1.1. Fractals pervade into geography; 1.1.1. From geosciences to physical geography; 1.1.2. Urban geography: a big

beneficiary; 1.2. Forms of fractal processes; 1.2.1. Some fractal forms that make use of the principle of allometry; 1.2.2. Time series and processes are also fractal; 1.2.3. Rank-size rules are generally fractal structures; 1.3. First reflections on the link between power laws and fractals; 1.3.1. Brief introduction into power laws
1.3.2. Some power laws recognized before the fractal era1.4. Conclusion; Chapter 2. Auto-similar and Self-affine Fractals; 2.1. The rarity of auto-similar terrestrial forms; 2.2. Yet more classes of self-affine fractal forms and processes; 2.2.1. Brownian, fractional Brownian and multi-fractional Brownian motion; 2.2.2. Levy models; 2.2.3. Four examples of generalizations for simulating realistic forms; 2.3. Conclusion; Chapter 3. From the Fractal Dimension to Multifractal Spectrums; 3.1. Two extensions of the fractal dimension: lacunarity and codimension
3.1.1. Some territorial textures differentiated by their lacunarity3.1.2. Codimension as a relative fractal dimension; 3.2. Some corrections to the power laws: semifractals, parabolicfractals and log-periodic distributions; 3.2.1. Semifractals and double or truncated Pareto distributions; 3.2.2. The parabolic fractal model; 3.2.3. Log-periodic distributions; 3.3. A routine technique in medical imaging: fractal scanning; 3.4. Multifractals used to describe all the irregularities of a setdefined by measurement; 3.4.1. Definition and characteristics of a multifractal
3.4.2. Two functions to interpret: generalized dimension spectrumand singularity spectrum3.4.3. An approach that is classical in geosciences but exceptional in social sciences; 3.4.4. Three potential generalizations; 3.5. Conclusion; Chapter 4. Calculation and Interpretation of Fractal Dimensions; 4.1. Test data representing three categories of fractals: black and white maps, grayscale Landsat images and pluviometric chronicle series; 4.2. A first incontrovertible stage: determination of the fractal classof the geographical phenomenon studied
4.2.1. Successive tests using Fourier or wavelet decompositions4.2.2. Decadal rainfall in Barcelona and Beirut are fractionalGaussian noise; 4.3. Some algorithms for the calculation of the fractal dimensionsof auto-similar objects; 4.3.1. Box counting, information and area measurementdimensions for auto-similar objects; 4.3.2. A geographically inconclusive application from perception; 4.4. The fractal dimensions of objects and self-affine processes; 4.4.1. A multitude of algorithms; 4.4.2. High irregularity of decadal rainfall for Barcelona and Beirut; 4.5. Conclusion
Chapter 5. The Fractal Dimensions of Rank-size Distributions

Sommario/riassunto

Our daily universe is rough and infinitely diverse. The fractal approach clarifies and orders these disparities. It helps us to envisage new explanations of geographical phenomena, which are, however, considered as definitely understood.Written for use by geographers and researchers from similar disciplines, such as ecologists, economists, historians and sociologists, this book presents the algorithms best adapted to the phenomena encountered, and proposes case studies illustrating their applications in concrete situations.An appendix is also provided that develops programs writ