

1. Record Nr.	UNINA9910465550403321
Autore	Meerschaert Mark M. <1955->
Titolo	Stochastic models for fractional calculus [[electronic resource] /] / Mark M. Meerschaert, Alla Sikorskii
Pubbl/distr/stampa	Berlin ; ; Boston, : De Gruyter, c2012
ISBN	3-11-025816-1
Descrizione fisica	1 online resource (304 p.)
Collana	De Gruyter studies in mathematics, , 0179-0986 ; ; 43
Classificazione	SK 950
Altri autori (Persone)	SikorskiiAlla
Disciplina	515/.83
Soggetti	Fractional calculus Diffusion processes Stochastic analysis Electronic books.
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 and index.
Nota di contenuto	Frontmatter -- Preface / Meerschaert, Mark M. / Sikorskii, Alla -- Acknowledgments -- Contents -- Chapter 1. Introduction -- Chapter 2. Fractional Derivatives -- Chapter 3. Stable Limit Distributions -- Chapter 4. Continuous Time Random Walks -- Chapter 5. Computations in R -- Chapter 6. Vector Fractional Diffusion -- Chapter 7. Applications and Extensions -- Bibliography -- Index
Sommario/riassunto	Fractional calculus is a rapidly growing field of research, at the interface between probability, differential equations, and mathematical physics. It is used to model anomalous diffusion, in which a cloud of particles spreads in a different manner than traditional diffusion. This monograph develops the basic theory of fractional calculus and anomalous diffusion, from the point of view of probability. In this book, we will see how fractional calculus and anomalous diffusion can be understood at a deep and intuitive level, using ideas from probability. It covers basic limit theorems for random variables and random vectors with heavy tails. This includes regular variation, triangular arrays, infinitely divisible laws, random walks, and stochastic process convergence in the Skorokhod topology. The basic ideas of fractional calculus and anomalous diffusion are closely connected with heavy tail limit theorems. Heavy tails are applied in finance, insurance, physics,

geophysics, cell biology, ecology, medicine, and computer engineering. The goal of this book is to prepare graduate students in probability for research in the area of fractional calculus, anomalous diffusion, and heavy tails. Many interesting problems in this area remain open. This book will guide the motivated reader to understand the essential background needed to read and understand current research papers, and to gain the insights and techniques needed to begin making their own contributions to this rapidly growing field.

2. Record Nr.	UNINA9910785705903321
Autore	Aronoff Myron Joel
Titolo	Anthropology & political science [[electronic resource]] : a convergent approach // Myron J. Aronoff & Jan Kubik
Pubbl/distr/stampa	New York, : Berghahn Books, 2013
ISBN	1-283-90247-8 0-85745-726-8
Descrizione fisica	1 online resource (367 p.)
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Altri autori (Persone)	KubikJan
Disciplina	301 320.01
Soggetti	Anthropology - Methodology Political science - Methodology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di contenuto	Contents; Tables; Figures; Acknowledgements; Preface; Chapter1 - Introduction; Chapter 2 - Methods: Ethnography and Case Study; Chapter 3 - Beyond Political Culture; Chapter 4 - Symbolic Dimensions of Politics: Political Ritual and Ceremonial; Chapter 5 - The Politics of Collective Identity: Contested Israeli Nationalisms; Chapter 6 - Democratization in Deeply Divided Societies: The Netherlands, India, and Israel; Chapter 7 - Camp David Rashomon: Contested Interpretations of the Israel/Palestine Peace Process Chapter 8 - What Can Political Scientists Learn about Civil Society from

Anthropologists?Chapter 9 - Homo sovieticus and Vernacular Knowledge; Chapter 10 - Conclusions; Bibliography; Name Index; Subject Index

Sommario/riassunto

What can anthropology and political science learn from each other? The authors argue that collaboration, particularly in the area of concepts and methodologies, is tremendously beneficial for both disciplines, though they also deal with some troubling aspects of the relationship. Focusing on the influence of anthropology on political science, the book examines the basic assumptions the practitioners of each discipline make about the nature of social and political reality, compares some of the key concepts each field employs, and provides an extensive review of the basic methods of research tha
