

1. Record Nr.	UNINA9910795854203321
Autore	Klafter J (Joseph)
Titolo	First steps in random walks [[electronic resource]] : from tools to applications / / J. Klafter and I.M. Sokolov
Pubbl/distr/stampa	Oxford, : Oxford University Press, 2011
ISBN	0-19-155295-X 0-19-177502-9 1-299-48624-X
Descrizione fisica	vi, 152 p. : ill
Altri autori (Persone)	SokolovIgor M. <1958->
Disciplina	519.2/82
Soggetti	Random walks (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Characteristic functions -- 2. Generating functions and applications -- 3. Continuous-time random walks -- 4. CTRW and aging phenomena -- 5. Master equations -- 6. Fractional diffusion and Fokker-Planck equations for subdiffusion -- 7. Levy flights -- 8. Coupled CTRW and Levy walks -- 9. Simple reactions : A+B->B -- 10. Random walks on percolation structures.
Sommario/riassunto	"The name "random walk" for a problem of a displacement of a point in a sequence of independent random steps was coined by Karl Pearson in 1905 in a question posed to readers of "Nature". The same year, a similar problem was formulated by Albert Einstein in one of his <i>Annus Mirabilis</i> works. Even earlier such a problem was posed by Louis Bachelier in his thesis devoted to the theory of financial speculations in 1900. Nowadays the theory of random walks has proved useful in physics and chemistry (diffusion, reactions, mixing in flows), economics, biology (from animal spread to motion of subcellular structures) and in many other disciplines. The random walk approach serves not only as a model of simple diffusion but of many complex sub- and super-diffusive transport processes as well. This book discusses the main variants of random walks and gives the most important mathematical tools for their theoretical description"--

2. Record Nr.	UNINA9910789014803321
Titolo	Cities as engines of sustainable competitiveness : European urban policy in practice / / edited by Leo van den Berg, Jan van der Meer and Luis Carvalho
Pubbl/distr/stampa	Farnham, Surrey, England ; ; Burlington, Vermont : , : Ashgate, , 2014 ©2014
ISBN	1-315-57209-5 1-317-16606-X 1-317-16605-1 1-4724-2703-3
Descrizione fisica	1 online resource (265 p.)
Collana	EURICUR
Disciplina	307.76094
Soggetti	Urban policy - Europe Cities and towns - Europe City planning - Europe Sustainable development - Europe
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 at the end of each chapters and index.
Nota di contenuto	Cover; Contents; List of Tables; List of Contributors; Preface; 1 Cities as Engines of Sustainable Competitiveness; 2 Urban Policies in Europe; 3 Antwerp; 4 Barcelona; 5 Budapest; 6 Dortmund; 7 Dublin; 8 Helsinki; 9 Manchester; 10 Rotterdam; 11 Looking Back and Forward; Index
Sommario/riassunto	Reflecting on two decades of 'competitiveness-oriented' urban policies in Europe this book investigates the current challenges cities face to sustain their economic position and how this can be balanced with social progress and environmental improvements. Complementing previous surveys on local and urban development and competitiveness-based strategies this volume provides longer term views on the evolution of such policies at the city level, from the personal perspective of city officials in eight European cities.