1. Record Nr. UNINA9910453016303321

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	1-299-48624-X 0-19-155295-X 0-19-177502-9
Descrizione fisica	1 online resource (161 p.)
Altri autori (Persone)	SokolovIgor M. <1958->
Disciplina	519.2/82
Soggetti	Random walks (Mathematics) 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	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 Annus Mirabilis 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. UNISA996466370003316

Titolo	Applied Cryptography and Network Security [[electronic resource]] : 13th International Conference, ACNS 2015, New York, NY, USA, June 2-5, 2015, Revised Selected Papers / / edited by Tal Malkin, Vladimir Kolesnikov, Allison Lewko, Michalis Polychronakis
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-28166-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XVIII, 698 p. 152 illus. in color.)
Collana	Security and Cryptology ; ; 9092
Disciplina	005.82
Soggetti	Computer security Data encryption (Computer science) Computer communication systems Management information systems Computer science Computers Computers and civilization Systems and Data Security Cryptology Computer Communication Networks Management of Computing and Information Systems Theory of Computation Computers and Society
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Secure computation: primitives and new models -- Public key cryptographic primitives -- Secure computation II: applications -- Anonymity and related applications -- Cryptanalysis and attacks (symmetric crypto) -- Privacy and policy enforcement -- Authentication via eye tracking and proofs of proximity -- Malware analysis and side channel attacks -- Side channel countermeasures and tamper resistance/PUFs -- Leakage resilience and pseudorandomness.

Sommario/riassunto

This book constitutes the refereed proceedings of the 13th International Conference on Applied Cryptography and Network Security, ACNS 2015, held in New York, NY, USA, in June 2015. The 33 revised full papers included in this volume and presented together with 2 abstracts of invited talks, were carefully reviewed and selected from 157 submissions. They are organized in topical sections on secure computation: primitives and new models; public key cryptographic primitives; secure computation II: applications; anonymity and related applications; cryptanalysis and attacks (symmetric crypto); privacy and policy enforcement; authentication via eye tracking and proofs of proximity; malware analysis and side channel attacks; side channel countermeasures and tamper resistance/PUFs; and leakage resilience and pseudorandomness.