1. Record Nr. UNINA9910457872203321

Autore	Rudnick Joseph Alan <1944->
Titolo	Elements of the random walk : an introduction for advanced students and researchers / / Joseph Rudnick, George Gaspari [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2004
ISBN	1-107-14767-0 1-282-39477-0 9786612394775 0-511-64435-3 0-511-64813-8 0-511-18750-5 0-511-56649-2 0-511-61091-2 0-511-18657-6
Descrizione fisica	1 online resource (xv, 329 pages) : digital, PDF file(s)
Disciplina	519.2/82
Soggetti	Random walks (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references (p. 323-325) and index.
Nota di contenuto	Cover; Half-title; Title; Copyright; Dedication; Contents; Preface; 1 Introduction to techniques; 2 Generating functions I; 3 Generating functions II: recurrence, sites visited, and the role of dimensionality; 4 Boundary conditions, steady state, and the electrostatic analogy; 5 Variations on the random walk; 6 The shape of a random walk; 7 Path integrals and self-avoidance; 8 Properties of the random walk: introduction to scaling; 9 Scaling of walks and critical phenomena; 10 Walks and the O(n) model: mean field theory and spin waves; 11 Scaling, fractals, and renormalization 12 More on the renormalization groupReferences; Index
Sommario/riassunto	Random walks have proven to be a useful model in understanding processes across a wide spectrum of scientific disciplines. Elements of the Random Walk is an introduction to some of the most powerful and

	general techniques used in the application of these ideas. The mathematical construct that runs through the analysis of the topics covered in this book, unifying the mathematical treatment, is the generating function. Although the reader is introduced to analytical tools, such as path-integrals and field-theoretical formalism, the book is self-contained in that basic concepts are developed and relevant fundamental findings fully discussed. Mathematical background is provided in supplements at the end of each chapter, when appropriate. This text will appeal to graduate students across science, engineering and mathematics who need to understand the applications of random walk techniques, as well as to established researchers.

2.

Record Nr.	UNINA9910811515603321
Autore	Johnson J. Cale
Titolo	The class reunion : an annotated translation and commentary on the Sumerian dialogue, two scribes / / by J. Cale Johnson and Markham J. Geller
Pubbl/distr/stampa	Leiden, Netherlands ; ; Boston, Massachusetts : , : Brill, , 2015 ©2015
ISBN	90-04-30210-7
Descrizione fisica	1 online resource (376 p.)
Collana	Cuneiform Monographs, , 0929-0052 ; ; Volume 47
Disciplina	899/.95
Soggetti	Sumerian literature - History and criticism
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 indexes.
Nota di contenuto	Preliminary Material -- 1 Introduction -- 2 Synthetic Text and Translation -- 3 Textual Criticism and Methodology -- 4 Manuscripts, Partitur and Commentary -- Bibliography -- Index of Akkadian Words -- Index of Sumerian Words -- Subject Index -- Plates.
Sommario/riassunto	In The Class Reunion—An Annotated Translation and Commentary on the Sumerian Dialogue Two Scribes, J. Cale Johnson and Markham J. Geller present a critical edition, translation and commentary on the Sumerian scholastic dialogue otherwise known as Two Scribes, Streit zweier Schulabsolventen or Dialogue 1. The two protagonists, the

	Professor and the Bureaucrat, each ridicule their opponent in alternating speeches, while at the same time scoring points based on their detailed knowledge of Sumerian lexical and literary traditions. But they also represent the two social roles into which nearly all graduates of the Old Babylonian Tablet House typically gained entrance. So the dialogue also reflects on larger themes such as professional identity and the nature of scholastic activity in Mesopotamia in the Old Babylonian period (ca. 1800–1600 BCE).

3. Record Nr. UNINA9910144923903321

Titolo	Randomization and Approximation Techniques in Computer Science [[electronic resource]] : International Workshop RANDOM'97, Bologna, Italy, July 11-12, 1997 Proceedings / / edited by Jose Rolim
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1997
ISBN	3-540-69247-9
Edizione	[1st ed. 1997.]
Descrizione fisica	1 online resource (VIII, 236 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1269
Disciplina	004/.01/5114
Soggetti	Computers Algorithms Computer science—Mathematics Calculus of variations Combinatorial analysis Mathematical statistics Theory of Computation Algorithm Analysis and Problem Complexity Discrete Mathematics in Computer Science Calculus of Variations and Optimal Control; Optimization Combinatorics Probability and Statistics in Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph

Nota di contenuto	Polynomial time approximation schemes for some dense instances of NP-hard optimization problems -- Average-case complexity of shortest-paths problems in the vertex-potential model -- Approximation algorithms for covering polygons with squares and similar problems -- Greedily approximating the r-independent set and k-center problems on random instances -- Nearly linear time approximation schemes for Euclidean TSP and other geometric problems -- Random sampling of Euler tours -- A combinatorial consistency lemma with application to proving the PCP theorem -- Super-bits, demi-bits, and NP/qpoly-natural proofs -- Sample spaces with small bias on neighborhoods and error-correcting communication protocols -- Approximation on the web: A compendium of NP optimization problems -- Random-based scheduling new approximations and LP lower bounds -- ‘Go with the winners’ generators with applications to molecular modeling -- Probabilistic approximation of some NP optimization problems by finite-state machines -- Using hard problems to derandomize algorithms: An incomplete survey -- Weak and strong recognition by 2-way randomized automata -- Tally languages accepted by Monte Carlo pushdown automata -- Resource-bounded randomness and compressibility with respect to nonuniform measures -- Randomness, stochasticity and approximations.
Sommario/riassunto	This book constitutes the refereed proceedings of the International Workshop on Randomization and Approximation Techniques in Computer Science, RANDOM'97, held as a satelite meeting of ICALP'97, in Bologna, Italy, in July 1997. The volume presents 14 thoroughly revised full papers selected from 37 submissions; also included are four invited contributions by leading researchers. The book focuses on algorithms and complexity aspects arising in the development of efficient randomized solutions to computationally difficult problems. The papers are organized in sections on approximation, randomness, algorithms, and complexity.