

1. Record Nr.	UNINA9910782741603321
Autore	Field Timothy R
Titolo	Electromagnetic scattering from random media [[electronic resource]] / / Timothy R. Field
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2009
ISBN	1-383-03006-5 1-281-98545-7 9786611985455 0-19-154717-4
Descrizione fisica	1 online resource (199 p.)
Collana	International series of monographs on physics ; ; 144
Disciplina	530.14/1
Soggetti	Stochastic processes Random fields Mathematical physics Electromagnetic waves - Scattering
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. 174-180) and index.
Nota di contenuto	Contents; I: STOCHASTIC CALCULUS; II: DYNAMICS OF THE SCATTERING PROCESS; III: SIMULATION AND EXPERIMENT; A: Stability and infinite divisibility; B: Ito versus Stratonovich stochastic integrals; C: Filtrations, conditional probability, and Markov property; D: Girsanov's theorem; E: Partition function solution to BDI model; F: Summary of K-scattering; G: Iterative solution for vector processes; H: Open problems; I: Suggested further reading; References; Index
Sommario/riassunto	- ;The book develops the dynamical theory of scattering from random media from first principles. Its key findings are to characterize the time evolution of the scattered field in terms of stochastic differential equations, and to illustrate this framework

2. Record Nr.	UNINA9910143650303321
Titolo	Algorithms and Data Structures : 6th International Workshop, WADS'99 Vancouver, Canada, August 11-14, 1999 Proceedings / / edited by Frank Dehne, Arvind Gupta, Jörg-Rüdiger Sack, Roberto Tamassia
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1999
ISBN	9783540484479 3540484477
Edizione	[1st ed. 1999.]
Descrizione fisica	1 online resource (X, 378 p.)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 1663
Disciplina	005.1
Soggetti	Algorithms Computer programming Computer science Artificial intelligence - Data processing Computer science - Mathematics Discrete mathematics Programming Techniques Theory of Computation Data Science Discrete Mathematics in Computer Science
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	Optimization over k-set Polytopes and Efficient k-set Enumeration -- Line Simplification with Restricted Orientations -- The T-join Problem in Sparse Graphs: Applications to Phase Assignment Problem in VLSI Mask Layout -- Resizable Arrays in Optimal Time and Space -- Hash and Displace: Efficient Evaluation of Minimal Perfect Hash Functions -- Design and Analysis of Algorithms for Shared-Memory Multiprocessors -- On the Complexity of Orthogonal Compaction -- Optimizing Constrained Offset and Scaled Polygonal Annuli -- The Accomodating Function — A Generalization of the Competitive Ratio -- Performance Guarantees for the TSP with a Parameterized Triangle Inequality -- Robot Map Verification of a Graph World -- Searching Rectilinear

Streets Completely -- General Multiprocessor Task Scheduling:
 Approximate Solutions in Linear Time -- The Lazy Bureaucrat
 Scheduling Problem -- Generating 3D Virtual Populations from Pictures
 of a Few Individuals -- Testing the Quality of Manufactured Balls -- On
 an Optimal Split Tree Problem -- Representing Trees of Higher Degree
 -- Indexing and Dictionary Matching with One Error (Extended
 Abstract) -- New Results on Fault Tolerant Geometric Spanners --
 Tiered Vectors: Efficient Dynamic Arrays for Rank-Based Sequences --
 Go-With-The-Winners Heuristic -- 2-Point Site Voronoi Diagrams -- A
 Parallel Algorithm for Finding the Constrained Voronoi Diagram of Line
 Segments in the Plane -- Position-Independent Street Searching --
 Approximation Algorithms for 3-D Common Substructure Identification
 in Drug and Protein Molecules -- A Tight Bound for γ -Skeleton of
 Minimum Weight Triangulations -- Rectilinear Static and Dynamic
 Discrete 2-center Problems -- Gene Trees and Species Trees: The
 Gene-Duplication Problem is Fixed-Parameter Tractable -- Efficient
 Web Searching Using Temporal Factors -- Elastic Labels Around the
 Perimeter of a Map -- Optimal Facility Location under Various Distance
 Functions -- Thresholds for Sports Elimination Numbers: Algorithms
 and Complexity -- Dynamic Representations of Sparse Graphs --
 Online Data Structures in External Memory.

Sommario/riassunto

The papers in this volume were presented at the Sixth Workshop on
 Algorithms and Data Structures (WADS '99). The workshop took place
 August 11 - 14, 1999, in Vancouver, Canada. The workshop alternates
 with the Scandinavian Workshop on Algorithms Theory (SWAT),
 continuing the tradition of SWAT and WADS starting with SWAT'88 and
 WADS'89. In response to the program committee's call for papers, 71
 papers were submitted. From these submissions, the program
 committee selected 32 papers for presentation at the workshop. In
 addition to these submitted papers, the program committee invited the
 following researchers to give plenary lectures at the workshop: C.
 Leiserson, N. Magnenat-Thalmann, M. Snir, U. Vazarani, and I. Vitter.
 On behalf of the program committee, we would like to express our
 appreciation to the six plenary lecturers who accepted our invitation to
 speak, to all the authors who submitted papers to WADS'99, and to the
 Pacific Institute for Mathematical Sciences for their sponsorship. Finally,
 we would like to express our gratitude to all the people who reviewed
 papers at the request of the program committee. August 1999 F. Dehne
 A. Gupta J.-R. Sack R. Tamassia VI Conference Chair: A. Gupta Program
 Committee Chairs: F. Dehne, A. Gupta, J.-R. Sack, R. Tamassia Program
 Committee: A. Andersson, A. Apostolico, G. Ausiello, G. Bilardi, K.
 Clarkson, R. Cleve, M. Cosnard, L. Devroye, P. Dymond, M. Farach-
 Colton, P. Fraigniaud, M. Goodrich, A.
