

1. Record Nr.	UNISA996465277003316
Titolo	Algorithms and Models for the Web Graph [[electronic resource]] : 10th International Workshop, WAW 2013, Cambridge, MA, USA, December 14-15, 2013, Proceedings / / edited by Anthony Bonato, Michael Mitzenmacher, Pawel Pralat
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2013
ISBN	3-319-03536-3
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (X, 233 p. 40 illus.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 8305
Disciplina	005.1
Soggetti	Algorithms Computer science—Mathematics Discrete mathematics Data mining Information storage and retrieval systems Discrete Mathematics in Computer Science Data Mining and Knowledge Discovery Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Asymmetric Distribution of Nodes in the Spatial Preferred Attachment Model -- A Spatial Preferential Attachment Model with Local Clustering -- A Local Clustering Algorithm for Connection -- On the Power of Adversarial Infections in Networks -- On the Choice of Kernel and Labelled Data in Semi-supervised Learning Methods -- A Nearly-Sublinear Method for Approximating a Column of the Matrix Exponential for Matrices from Large, Sparse Networks -- Evolution of the Media Web -- Random Intersection Graph Process -- Alpha Current Flow Betweenness Centrality -- Tree Nash Equilibria in the Network Creation Game -- Fast Low-Cost Estimation of Network Properties Using Random Walks -- An Lp Norm Relaxation Approach to Positive Influence Maximization in Social Network under the Deterministic Linear Threshold Model -- Fast Algorithms for the Maximum Clique

Problem on Massive Sparse -- A Faster Algorithm to Update Betweenness Centrality after Node Alteration -- Generalized Preferential Attachment: Tunable Power-Law Degree Distribution and Clustering Coefficient -- Solving Linear Systems with Boundary Conditions Using Heat Kernel Pagerank -- Anarchy Is Free in Network Creation.

Sommario/riassunto

This book constitutes the refereed proceedings of the 10th International Workshop on Algorithms and Models for the Web Graph, WAW 2013, held in Cambridge, MA, USA, in December 2013. The 17 papers presented were carefully reviewed and selected for inclusion in this volume. They address topics related to graph-theoretic and algorithmic aspects of related complex networks, including citation networks, social networks, biological networks, molecular networks and other networks arising from the Internet.
