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# Algorithms and Models for the Web Graph

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# Book Algorithms Models Web Graph International

**Anthony Bonato, Fan R. K.  
Chung, Paweł Prałat**

## **Book Algorithms Models Web Graph International:**

*Algorithms and Models for the Web Graph* Anthony Bonato, Paweł Prałat, Andrei Raigorodskii, 2018-05-29 This book constitutes the proceedings of the 15th International Workshop on Algorithms and Models for the Web Graph WAW 2018 held in Moscow Russia in May 2018 The 11 full papers presented in this volume were carefully reviewed and selected from various submissions The papers focus on topics like the information retrieval and data mining on the Web Web as a text repository and as a graph induced in various ways by link among pages hosts and users the understanding of graphs that arise from the Web and various user activities on the Web stimulation of the development of high performance algorithms and applications that exploit these graphs

*Algorithms and Models for the Web-Graph* Konstantin Avratchenkov, Debora Donato, Nelly Litvak, 2009-01-30 This book constitutes the refereed proceedings of the 6th International Workshop on Algorithms and Models for the Web Graph WAW 2009 held in Barcelona Spain in February 2009 co-located with WSDM 2009 the Second ACM International Conference on Web Search and Data Mining The 14 revised full papers presented were carefully reviewed and selected from numerous submissions for inclusion in the book The papers address a wide variety of topics related to the study of the Web graph such as theoretical and empirical analysis of the Web graph and Web 2.0 graphs random walks on the Web and Web 2.0 graphs and their applications and design and performance evaluation of the algorithms for social networks The workshop papers have been naturally clustered in three topical sections on graph models for complex networks pagerank and Web graph and social networks and search

**Algorithms and Models for the Web-Graph** Anthony Bonato, Fan R.K. Chung, 2007-11-15 This book constitutes the refereed proceedings of the 5th International Workshop on Algorithms and Models for the Web Graph WAW 2007 held in San Diego CA USA in December 2007 colocated with WINE 2007 the Third International Workshop on Internet and Network Economics The 13 revised full papers and five revised short papers presented were carefully reviewed and selected from a large pool of submissions for inclusion in the book The papers address a wide variety of topics

**Algorithms and Models for the Web Graph** David F. Gleich, Júlia Komjáthy, Nelly Litvak, 2015 This book constitutes the proceedings of the 12th International Workshop on Algorithms and Models for the Web Graph WAW 2015 held in Eindhoven The Netherlands in December 2015 The 15 full papers presented in this volume were carefully reviewed and selected from 24 submissions They are organized in topical sections named properties of large graph models dynamic processes on large graphs and properties of PageRank on large graphs

**Algorithms and Models for the Web Graph** Bogumił Kamiński, Paweł Prałat, Przemysław Szufel, 2020-06-02 This book constitutes the proceedings of the 17th International Workshop on Algorithms and Models for the Web Graph WAW 2020 held in Warsaw Poland in September 2020 The 12 full papers presented in this volume were carefully reviewed and selected from 19 submissions The aim of the workshop was to further the understanding of graphs that arise from the Web and various user activities on the Web and stimulate the development of high performance algorithms and applications that

exploit these graphs Due to the corona pandemic the conference was postponed from June 2020 to September 2020

**Algorithms and Models for the Web Graph** Anthony Bonato,Fan Chung Graham,Paweł Prałat,2017-09-04 This book constitutes the proceedings of the 14th International Workshop Algorithms and Models for the Web Graph WAW 2017 held in Toronto ON Canada in June 2017 The 7 full papers presented in this volume were carefully reviewed and selected from 14 submissions The papers are organized around topics such as graphs that arise from the Web and various user activities on the Web the development of high Performance algorithms and applications that exploit these graphs graph theoretic and algorithmic aspects of related complex networks social networks citation networks biological networks molecular networks and other networks arising from the Internet *Algorithms and Models for the Web Graph* Anthony Bonato,Fan Chung Graham,Paweł Prałat,2014-11-12 This book constitutes the refereed proceedings of the 11th International Workshop on Algorithms and Models for the Web Graph WAW 2014 held in Beijing China in December 2014 The 12 papers presented were carefully reviewed and selected for inclusion in this volume The aim of the workshop was to further the understanding of graphs that arise from the Web and various user activities on the Web and stimulate the development of high performance algorithms and applications that exploit these graphs The workshop gathered the researchers who are working on graph theoretic and algorithmic aspects of related complex networks including social networks citation networks biological networks molecular networks and other networks arising from the Internet Algorithms and Models for the Web Graph Anthony Bonato,Michael Mitzenmacher,Pawel Pralat,2013-12-12 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 Algorithms and Models for the Web-Graph Stefano Leonardi,2004-10-06 This book constitutes the refereed proceedings of the Third International Workshop on Algorithms and Models for the Web Graph WAW 2004 held in Rome Italy in October 2004 The 14 revised full papers presented together with an invited paper were carefully reviewed and selected from 31 submissions The papers address a variety of topics related to the study of the Web graph including random graphs local network flow network models traffic driven Web graph modeling embedded communities Web data mining personalization page rank computation hierarchical information networks Web crawling community detection and network communities Algorithms and Models for the Web-Graph Ravi Kumar,D Sivakumar,2010-12-03 This book constitutes the refereed proceedings of the 7th International Workshop on Algorithms and Models for the Web Graph WAW 2010 held in Stanford CA USA in December 2010 which was co located with the 6th International Workshop on Internet and Network Economics WINE 2010 The 13 revised full papers and the invited paper presented were carefully reviewed and selected from 19 submissions Algorithms and Models for

**the Web Graph** Konstantin Avrachenkov, Paweł Prałat, Nan Ye, 2019-07-12 This book constitutes the proceedings of the 16th International Workshop on Algorithms and Models for the Web Graph WAW 2019 held in Brisbane QLD Australia in July 2019 The 9 full papers presented in this volume were carefully reviewed and selected from 13 submissions The papers cover topics of all aspects of algorithmic and mathematical research in the areas pertaining to the World Wide Web espousing the view of complex data as networks    **Algorithms and Models for the Web-Graph** William Aiello, 2008-03-18 This book constitutes the revised papers of the Fourth International Workshop on Algorithms and Models for the Web Graph WAW 2006 held in Banff Canada November 30 December 1 2006 The 12 revised full papers and 3 posters presented were carefully reviewed and selected from 28 submissions for inclusion in the book The papers address a wide variety of topics related to the study of the Web graph such as algorithms for the Web graph PageRank analysis and computational as well as clustering

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**Algorithms and Models for the Web-Graph** Konstantin Avrachenkov, Debora Donato, Nelly Litvak, 2009 This book constitutes the refereed proceedings of the 6th International Workshop on Algorithms and Models for the Web Graph WAW 2009 held in Barcelona Spain in February 2009 co located with WSDM 2009 the Second ACM International Conference on Web Search and Data Mining The 14 revised full papers presented were carefully reviewed and selected from numerous submissions for inclusion in the book The papers address a wide variety of topics related to the study of the Web graph such as theoretical and empirical analysis of the Web graph and Web 2.0 graphs random walks on the Web and Web 2.0 graphs and their applications and design and performance evaluation of the algorithms for social networks The workshop papers have been naturally clustered in three topical sections on graph models for complex networks pagerank and Web graph and social networks and search

**Algorithms and Models for the Web Graph** Konstantin Avrachenkov, Paweł Prałat, Nan Ye, 2019 This book constitutes the proceedings of the 16th International Workshop on Algorithms and Models for the Web Graph WAW 2019 held in Brisbane QLD Australia in

July 2019 The 9 full papers presented in this volume were carefully reviewed and selected from 13 submissions The papers cover topics of all aspects of algorithmic and mathematical research in the areas pertaining to the World Wide Web espousing the view of complex data as networks **Algorithms and Models for the Web Graph** Megan Dewar,Paweł Prałat,Przemysław Szufel,François Théberge,Małgorzata Wrzosek,2023-04-28 This book constitutes the proceedings of the 18th International Workshop on Algorithms and Models for the Web Graph WAW 2023 held in Toronto Canada in May 23 26 2023 The 12 Papers presented in this volume were carefully reviewed and selected from 21 submissions The aim of the workshop was understanding of graphs that arise from the Web and various user activities on the Web and stimulate the development of high performance algorithms and applications that exploit these graphs *Algorithms and Models for the Web-Graph* Alan Frieze,Paul Horn,Pawel Pralat,2011-06-07 This book constitutes the refereed proceedings of the 8th International Workshop on Algorithms and Models for the Web Graph WAW 2011 held in Atlanta GA in May 2011 co located with RSA 2011 the 15th International Conference on Random Structures and Algorithms The 13 revised full papers presented together with 1 invited lecture were carefully reviewed and selected from 19 submissions Addressing a wide variety of topics related to the study of the Web graph such as theoretical and empirical analysis the papers feature original research in terms of algorithmic and mathematical analysis in all areas pertaining to the World Wide Web with special focus to the view of complex data as networks **Algorithms and Models for the Web Graph** Megan Dewar,Paweł Prałat,Przemysław Szufel,François Théberge,Małgorzata Wrzosek,2023 This book constitutes the proceedings of the 18th International Workshop on Algorithms and Models for the Web Graph WAW 2023 held in Toronto Canada in May 23 26 2023 The 12 Papers presented in this volume were carefully reviewed and selected from 21 submissions The aim of the workshop was understanding of graphs that arise from the Web and various user activities on the Web and stimulate the development of high performance algorithms and applications that exploit these graphs **Algorithms and Models for the Web Graph** Anthony Bonato,Fan R. K. Chung,Paweł Prałat,2016 This book constitutes the proceedings of the 13th International Workshop on Algorithms and Models for the Web Graph WAW 2016 held in Montreal QC Canada in December 2016 The 13 full papers presented in this volume were carefully reviewed and selected from 14 submissions The workshop gathered the researchers who are working on graph theoretic and algorithmic aspects of related complex networks including social networks citation networks biological networks molecular networks and other networks arising from the Internet

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