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# Algorithms — ESA 2004

12th Annual European Symposium  
Bergen, Norway, September 2004  
Proceedings



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Algorithms Esa 2004 12th Annual European Symposium  
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## **Algorithms Esa 2004 12th Annual European Symposium Bergen Norway September 14 17 2004 Proceedings:**

Algorithms -- ESA 2004 Susanne Albers, 2004-09 This book constitutes the refereed proceedings of the 12th Annual European Symposium on Algorithms ESA 2004 held in Bergen Norway in September 2004 The 70 revised full papers presented were carefully reviewed from 208 submissions The scope of the papers spans the entire range of algorithmics from design and mathematical issues to real world applications in various fields and engineering and analysis of algorithms

**Algorithms -- ESA 2004** Susanne Albers, Tomasz Radzik, 2004-09-01 This book constitutes the refereed proceedings of the 12th Annual European Symposium on Algorithms ESA 2004 held in Bergen Norway in September 2004 The 70 revised full papers presented were carefully reviewed from 208 submissions The scope of the papers spans the entire range of algorithmics from design and mathematical issues to real world applications in various fields and engineering and analysis of algorithms

*Algorithms - ESA 2009* Amos Fiat, Peter Sanders, 2009-09-19 This volume contains the papers presented at ESA 2009 The 17th Annual European Symposium on Algorithms September 7-9 2009 ESA has been held annually since 1993 and seeks to cover both theoretical and engineering aspects of algorithms The authors were asked to classify their paper under one or more categories as described in Fig 1 Since 2001 ESA has been the core of the larger ALGO conference which typically includes several satellite conferences ALGO 2009 was held at the IT University of Copenhagen Denmark The members of the ALGO 2009 organizing Committee were chaired by Thore Husfeldt The ESA submission deadline was April 12 Easter Sunday This was clearly an error and we offer profuse apologies for this mistake Albeit no excuse the hard constraints we faced were a ICALP notification April 6 and b ESA in Copenhagen September 7 Between these two endpoints we needed to design a schedule that allowed modifying ICALP rejections for resubmission 1 week Program Committee deliberations 7 weeks preparing final versions 4 weeks and to prepare publish and transport the proceedings 9 weeks ESA 2009 had 272 submissions of which 14 were withdrawn overtime Of the remaining 222 submissions to Track A Design and Analysis 56 were accepted Of the remaining 36 submissions to Track B Engineering and Applications 10 were accepted This gives an acceptance rate of slightly under 25%

**Algorithms - ESA 2006** Yossi Azar, 2006-08-31 This book constitutes the refereed proceedings of the 14th Annual European Symposium on Algorithms ESA 2006 held in Zurich Switzerland in September 2006 in the context of the combined conference ALGO 2006 The 70 revised full papers presented together with abstracts of 3 invited lectures were carefully reviewed and selected from 287 submissions The papers address all current subjects in algorithmics reaching from design and analysis issues of algorithms over to real world applications and engineering of algorithms in various fields

*Algorithms - ESA '96* Josep Díaz, Maria Serna, 1996-09-11 This book constitutes the refereed proceedings of the 4th European Symposium on Algorithms ESA 96 held in Barcelona Spain in September 1996 The book presents 40 revised full papers selected from 124 submissions also are included extended abstracts of two invited presentations The papers included cover all research areas on algorithms and their analysis as it is carried out in the fields of

computer science discrete applied and algorithmic mathematics operations research and all other areas of algorithms oriented research design and analysis

**Algorithms - ESA 2015** Nikhil Bansal,Irene Finocchi,2015-09-01 This book constitutes the refereed proceedings of the 23rd Annual European Symposium on Algorithms ESA 2015 held in Patras Greece in September 2015 as part of ALGO 2015 The 86 revised full papers presented together with two invited lectures were carefully reviewed and selected from 320 initial submissions 71 out of 261 in Track A Design and Analysis and 15 out of 59 in Track B Engineering and Applications The papers present real world applications engineering and experimental analysis of algorithms

*Algorithms -- ESA 2012* Leah Epstein,Paolo Ferragina,2012-08-30 This book constitutes the refereed proceedings of the 20th Annual European Symposium on Algorithms ESA 2012 held in Ljubljana Slovenia in September 2012 in the context of the combined conference ALGO 2012 The 69 revised full papers presented were carefully reviewed and selected from 285 initial submissions 56 out of 231 in track design and analysis and 13 out of 54 in track engineering and applications The papers are organized in topical sections such as algorithm engineering algorithmic aspects of networks algorithmic game theory approximation algorithms computational biology computational finance computational geometry combinatorial optimization data compression data structures databases and information retrieval distributed and parallel computing graph algorithms hierarchical memories heuristics and meta heuristics mathematical programming mobile computing on line algorithms parameterized complexity pattern matching quantum computing randomized algorithms scheduling and resource allocation problems streaming algorithms

*Algorithms - ESA 2003* Giuseppe Di Battista,Uri Zwick,2003-09-15 This book constitutes the refereed proceedings of the 11th Annual European Symposium on Algorithms ESA 2003 held in Budapest Hungary in September 2003 The 66 revised full papers presented were carefully reviewed and selected from 165 submissions The scope of the papers spans the entire range of algorithmics from design and mathematical analysis issues to real world applications engineering and experimental analysis of algorithms

*Algorithms -- ESA 2011* Camil Demetrescu,Magnus M. Halldorsson,2011-08-31 This book constitutes the refereed proceedings of the 19th Annual European Symposium on Algorithms ESA 2011 held in Saarbr ucken Germany in September 2011 in the context of the combined conference ALGO 2011 The 67 revised full papers presented were carefully reviewed and selected from 255 initial submissions 55 out of 209 in track design and analysis and 12 out of 46 in track engineering and applications The papers are organized in topical sections on approximation algorithms computational geometry game theory graph algorithms stable matchings and auctions optimization online algorithms exponential time algorithms parameterized algorithms scheduling data structures graphs and games distributed computing and networking strings and sorting as well as local search and set systems

**Algorithms - ESA 2001** Friedhelm Meyer auf der Heide,2003-05-15 This book constitutes the refereed proceedings of the 9th Annual European Symposium on Algorithms ESA 2001 held in Aarhus Denmark in August 2001 The 41 revised full papers presented together with three invited contributions were carefully reviewed and selected from 102

submissions The papers are organized in topical sections on caching and prefetching online algorithms data structures optimization and approximation sequences scheduling shortest paths geometry distributed algorithms graph algorithms pricing broadcasting and multicasting graph labeling and graph drawing and graphs

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