



ALGORITHMS ON STRINGS, TREES, AND SEQUENCES

*Computer Science and
Computational Biology*

DAN GUSFIELD



Algorithms On Strings Trees And Sequences Computer Science And

Mariano Consens, Gonzalo Navarro



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String Processing and Information Retrieval Travis Gagie,Alistair Moffat,Gonzalo Navarro,Ernesto Cuadros-Vargas,2018-10-01 This book constitutes the refereed proceedings of

the 25th International Symposium on String Processing and Information Retrieval SPIRE 2018 held in Lima Peru in October 2018 The 22 full papers and 6 short papers presented were carefully reviewed and selected from 51 submissions They focus on fundamental studies on string processing and information retrieval as well as on computational biology *Language and Automata Theory and Applications* Adrian-Horia Dediu, Carlos Martín-Vide, 2012-02-29 This book constitutes the refereed proceedings of the 6th International Conference on Language and Automata Theory and Applications LATA 2012 held in A Coruña Spain in March 2012 The 41 revised full papers presented together with 3 invited talks and 2 invited tutorials were carefully reviewed and selected from 114 initial submissions The volume features contributions from both classical theory fields and application areas e g informatics systems biology language technology artificial intelligence etc Among the topics covered are algebraic language theory automata and logic systems analysis systems verifications computational complexity decidability unification graph transformations language based cryptography and applications in data mining computational learning and pattern recognition Automata, Languages and Programming Lars Arge, Christian Cachin, Tomasz Jurdzinski, 2007-08-26 This volume features the refereed proceedings from the 34th International Colloquium on Automata Languages and Programming held in Wrocław Poland in July 2007 Seventy six full papers are presented together with four invited lectures The papers are grouped into three major tracks covering algorithms automata complexity and games logic semantics and theory of programming and security and cryptography foundations *String Processing and Information Retrieval* Mariano Consens, Gonzalo Navarro, 2005-10-17 This book constitutes the refereed proceedings of the 12th International Conference on String Processing and Information Retrieval SPIRE 2005 held in Buenos Aires Argentina in November 2005 The 27 revised full papers and 17 revised short papers presented were carefully reviewed and selected from 102 submissions The papers address current issues in all aspects of string processing information retrieval pattern matching computational biology semi structured data and related applications Algorithms for Next-Generation Sequencing Data Mourad Elloumi, 2017-09-18 The 14 contributed chapters in this book survey the most recent developments in high performance algorithms for NGS data offering fundamental insights and technical information specifically on indexing compression and storage error correction alignment and assembly The book will be of value to researchers practitioners and students engaged with bioinformatics computer science mathematics statistics and life sciences **String Processing and Information Retrieval** Nieves R. Brisaboa, Simon J. Puglisi, 2019-10-05 This volume constitutes the refereed proceedings of the 26th International Symposium on String Processing and Information Retrieval SPIRE 2019 held in Segovia Spain in October 2019 The 28 full papers and 8 short papers presented in this volume were carefully reviewed and selected from 59 submissions They cover topics such as data compression information retrieval string algorithms algorithms computational biology indexing and compression and compressed data structures

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