

1. Record Nr.	UNISA996465904703316
Titolo	String Processing and Information Retrieval [[electronic resource]] : 15th International Symposium, SPIRE 2008, Melbourne, Australia, November 10-12, 2008. Proceedings / / edited by Amihood Amir, Andrew Turpin, Alistair Moffat
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-540-89097-1
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (X, 295 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5280
Classificazione	06.64
Disciplina	006.312
Soggetti	Data mining Computer programming Artificial intelligence Database management Artificial intelligence—Data processing Coding theory Information theory Data Mining and Knowledge Discovery Programming Techniques Artificial Intelligence Database Management Data Science Coding and Information Theory
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	“Search Is a Solved Problem” and Other Annoying Fallacies -- Approximate Runs - Revisited -- Engineering Radix Sort for Strings -- Faster Text Fingerprinting -- Context-Sensitive Grammar Transform: Compression and Pattern Matching -- Improved Variable-to-Fixed Length Codes -- Term Impacts as Normalized Term Frequencies for BM25 Similarity Scoring -- The Effect of Weighted Term Frequencies on Probabilistic Latent Semantic Term Relationships -- Comparison of s-

gram Proximity Measures in Out-of-Vocabulary Word Translation -- Speeding Up Pattern Matching by Text Sampling -- Mismatch Sampling -- Sliding CDAWG Perfection -- Self-indexing Natural Language -- New Perspectives on the Prefix Array -- Indexed Hierarchical Approximate String Matching -- An Efficient Linear Space Algorithm for Consecutive Suffix Alignment under Edit Distance (Short Preliminary Paper) -- Run-Length Compressed Indexes Are Superior for Highly Repetitive Sequence Collections -- Practical Rank/Select Queries over Arbitrary Sequences -- Clique Analysis of Query Log Graphs -- Out of the Box Phrase Indexing -- Approximated Pattern Matching with the L₁, L₂ and L_∞ Metrics -- Interchange Rearrangement: The Element-Cost Model -- ?? – Parameterized Matching -- Pattern Matching with Pair Correlation Distance -- Some Approximations for Shortest Common Nonsubsequences and Supersequences -- On the Structure of Small Motif Recognition Instances -- Exact Distribution of a Spaced Seed Statistic for DNA Homology Detection.

Sommario/riassunto

This book constitutes the refereed proceedings of the 15th International Symposium on String Processing and Information Retrieval, SPIRE 2008, held in Melbourne, Australia, in November 2008. The 25 revised full papers presented together with 2 invited talks were carefully reviewed and selected from 54 submissions. The papers are organized in topical sections on compression and performance, information retrieval scoring and ranking, string matching techniques, self-indexing, string matching: space and practicality, information retrieval, non-standard matching, and bioinformatics.
