

1. Record Nr.	UNINA9910465073003321
Titolo	Introduction to algorithms [[electronic resource] /] / Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein
Pubbl/distr/stampa	Cambridge, Mass., : MIT Press, 2009
ISBN	9780262270830 9780262533058
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (xix, 1293 pages) : illustrations
Altri autori (Persone)	CormenThomas H LeisersonCharles E RivestRonald L SteinClifford
Disciplina	005.1
Soggetti	Computer programming Computer algorithms Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [1231]-1250) and index.
Nota di contenuto	""Contents""; ""Preface""; ""I Foundations""; ""1 The Role of Algorithms in Computing""; ""2 Getting Started""; ""3 Growth of Functions""; ""4 Divide-and-Conquer""; ""5 Probabilistic Analysis and Randomized Algorithms""; ""II Sorting and Order Statistics""; ""6 Heapsort""; ""7 Quicksort""; ""8 Sorting in Linear Time""; ""9 Medians and Order Statistics""; ""III Data Structures""; ""10 Elementary Data Structures""; ""11 Hash Tables""; ""12 Binary Search Trees""; ""13 Red-Black Trees""; ""14 Augmenting Data Structures""; ""IV Advanced Design and Analysis Techniques""; ""15 Dynamic Programming"" ""16 Greedy Algorithms""""17 Amortized Analysis""; ""V Advanced Data Structures""; ""18 B-Trees""; ""19 Fibonacci Heaps""; ""20 van Emde Boas Trees""; ""21 Data Structures for Disjoint Sets""; ""VI Graph Algorithms""; ""22 Elementary Graph Algorithms""; ""23 Minimum Spanning Trees""; ""24 Single-Source Shortest Paths""; ""25 All-Pairs Shortest Paths""; ""26 Maximum Flow""; ""VII Selected Topics""; ""27 Multithreaded Algorithms""; ""28 Matrix Operations""; ""29 Linear Programming""; ""30 Polynomials and the FFT""; ""31 Number-Theoretic Algorithms""; ""32

String Matching"

"33 Computational Geometry""34 NP-Completeness"; "35
Approximation Algorithms"; "VIII Appendix: Mathematical
Background"; "A Summations"; "B Sets, Etc."; "C Counting and
Probability"; "D Matrices"; "Bibliography"; "Index"
