1. **Record Nr.** UNISA996465526903316

Titolo	Combinatorial Optimization and Applications [[electronic resource]] : Third International Conference, COCOA 2009, Huangshan, China, June 10-12, 2009, Proceedings / / edited by Ding-Zhu Du, Xiaodong Hu, Panos M. Pardalos
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-02026-7
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (XIII, 542 p.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 5573
Disciplina	005.11
Soggetti	Computer programming
	Computer networks
	Software engineering
	Algorithms
	Computer science—Mathematics
	Discrete mathematics
	Programming Techniques
	Computer Communication Networks
	Software Engineering
	Discrete Mathematics in Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"... the Second International Conference on Combinatorial Optimization and Applications (COCOA 2008),"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Algorithms for Network Design -- Polynomial Approximation Schemes for the Max-Min Allocation Problem under a Grade of Service Provision -- A Linear Time Algorithm for Computing the Most Reliable Source on a Tree with Faulty Vertices -- A 5/3-Approximation Algorithm for Joint Replenishment with Deadlines -- A PTAS for Node-Weighted Steiner Tree in Unit Disk Graphs -- Bioinformatics -- DNA Library Screening, Pooling Design and Unitary Spaces -- Improved Algorithms for the Gene Team Problem -- Linear Coherent Bi-cluster Discovery via Line Detection and Sample Majority Voting -- Combinatorics and Its Applications -- Generalized Russian Cards Problem -- Computing the

Sommario/riassunto	This book constitutes the refereed proceedings of the Third International Conference on Combinatorial Optimization and Applications, COCOA 2009, held in Huangshan, China, in June 2009. The 50 revised full papers were carefully reviewed and selected from 103 submissions. The papers feature original research in the areas of combinatorial optimization - both theoretical issues and and applications motivated by real-world problems thus showing convincingly the usefulness and efficiency of the algorithms discussed

in a practical setting.