

1. Record Nr.	UNINA9910767536003321
Titolo	Combinatorial and Algorithmic Aspects of Networking : Third Workshop, CAAN 2006, Chester, UK, July 2, 2006, Revised Papers // edited by Thomas Erlebach
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-48824-3
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (VIII, 134 p.)
Collana	Computer Communication Networks and Telecommunications, , 2945-9184 ; ; 4235
Altri autori (Persone)	ErlebachThomas
Disciplina	004.6
Soggetti	Computer networks Application software Computer engineering Algorithms Game theory Computer Communication Networks Computer and Information Systems Applications Computer Engineering and Networks Game Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Lecture -- Recent Advances on Approximation Algorithms for Minimum Energy Range Assignment Problems in Ad-Hoc Wireless Networks -- Contributed Papers -- The Price of Anarchy in Selfish Multicast Routing -- Designing a Truthful Mechanism for a Spanning Arborescence Bicriteria Problem -- On the Topologies of Local Minimum Spanning Trees -- Distributed Routing in Tree Networks with Few Landmarks -- Scheduling of a Smart Antenna: Capacitated Coloring of Unit Circular-Arc Graphs -- On Minimizing the Number of ADMs -- Tight Bounds for an Algorithm Without Preprocessing -- Tolerance Based Contract-or-Patch Heuristic for the Asymmetric TSP -- Acyclic Type-of-Relationship Problems on the Internet -- Minimum-Energy Broadcasting in Wireless Networks in the d-Dimensional

Euclidean Space (The d Case) -- Optimal Gossiping with Unit Size Messages in Known Topology Radio Networks.

Sommario/riassunto

This book constitutes the thoroughly refereed post-proceedings of the Third Workshop on Combinatorial and Algorithmic Aspects of Networking, held in Chester, UK in July 2006, co-located with the 13th Colloquium on Structural Information and Communication Complexity, SIROCCO 2006. The 10 revised full papers and one invited lecture cover a range from the Web graph to game theory to string matching, all in the context of large-scale networks.