

1. Record Nr.	UNINA9910143906203321
Titolo	Integer programming and combinatorial optimization : 9th International IPCO Conference, Cambridge, MA, USA, May 27-29, 2002 : proceedings // William J. Cook, Andreas S. Schulz (eds.)
Pubbl/distr/stampa	Berlin, Germany ; ; New York, New York : , : Springer, , [2002] Â©2002
ISBN	3-540-47867-1
Edizione	[1st ed. 2002.]
Descrizione fisica	1 online resource (XI, 487 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2337
Disciplina	519.7/7
Soggetti	Integer programming Combinatorial optimization
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	A Faster Scaling Algorithm for Minimizing Submodular Functions -- A Generalization of Edmonds' Matching and Matroid Intersection Algorithms -- A Coordinatewise Domain Scaling Algorithm for M-convex Function Minimization -- The Quickest Multicommodity Flow Problem -- A New Min-Cut Max-Flow Ratio for Multicommodity Flows -- Improved Rounding Techniques for the MAX 2-SAT and MAX DI-CUT Problems -- Finding the Exact Integrality Gap for Small Traveling Salesman Problems -- Polynomial-Time Separation of Simple Comb Inequalities -- A New Approach to Cactus Construction Applied to TSP Support Graphs -- Split Closure and Intersection Cuts -- An Exponential Lower Bound on the Length of Some Classes of Branch-and-Cut Proofs -- Lifted Inequalities for 0-1 Mixed Integer Programming: Basic Theory and Algorithms -- On a Lemma of Scarf -- A Short Proof of Seymour's Characterization of the Matroids with the Max-Flow Min-Cut Property -- Integer Programming and Arrovian Social Welfare Functions -- Integrated Logistics: Approximation Algorithms Combining Facility Location and Network Design -- The Minimum Latency Problem Is NP-Hard for Weighted Trees -- An Improved Approximation Algorithm for the Metric Uncapacitated Facility Location Problem -- A Polyhedral Approach to Surface Reconstruction from Planar Contours -- The Semidefinite Relaxation of

the k -Partition Polytope Is Strong -- A Polyhedral Study of the Cardinality Constrained Knapsack Problem -- A PTAS for Minimizing Total Completion Time of Bounded Batch Scheduling -- An Approximation Scheme for the Two-Stage, Two-Dimensional Bin Packing Problem -- On Preemptive Resource Constrained Scheduling: Polynomial-Time Approximation Schemes -- Hard Equality Constrained Integer Knapsacks -- The Distribution of Values in the Quadratic Assignment Problem -- A New Subadditive Approach to Integer Programming -- Improved Approximation Algorithms for Resource Allocation -- Approximating the Advertisement Placement Problem -- Algorithms for Minimizing Response Time in Broadcast Scheduling -- Building Edge-Failure Resilient Networks -- The Demand Matching Problem -- The Single-Sink Buy-at-Bulk LP Has Constant Integrality Gap.

Sommario/riassunto

This volume contains the papers selected for presentation at IPCO 2002, the Ninth International Conference on Integer Programming and Combinatorial Optimization, Cambridge, MA (USA), May 27–29, 2002. The IPCO series of conferences highlights recent developments in theory, computation, and application of integer programming and combinatorial optimization. IPCO was established in 1988 when the first IPCO program committee was formed. IPCO is held every year in which no International Symposium on Mathematical Programming (ISMP) takes place. The ISMP is triennial, so IPCO conferences are held twice in every three-year period. The eight previous IPCO conferences were held in Waterloo (Canada) 1990, Pittsburgh (USA) 1992, Erice (Italy) 1993, Copenhagen (Denmark) 1995, Vancouver (Canada) 1996, Houston (USA) 1998, Graz (Austria) 1999, and Utrecht (The Netherlands) 2001. In response to the call for papers for IPCO 2002, the program committee received 110 submissions, a record number for IPCO. The program committee met on January 7 and 8, 2002, in Aussois (France), and selected 33 papers for inclusion in the scientific program of IPCO 2002. The selection was based on originality and quality, and reflects many of the current directions in integer programming and combinatorial optimization research.

2. Record Nr.	UNINA9910791837003321
Titolo	Daughter cells [[electronic resource]] : properties, characteristics, and stem cells // Ayane Hitomi and Masuyo Katoaka, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2010
ISBN	1-61761-748-2
Descrizione fisica	1 online resource (345 p.)
Collana	Cell biology research progress series
Altri autori (Persone)	HitomiAyane KatoakaMasuyo
Disciplina	571.8/44
Soggetti	Cell division Cell differentiation Stem cells
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 and index.
Nota di contenuto	""DAUGHTER CELLS: PROPERTIES, CHARACTERISTICS AND STEM CELLS""; ""CONTENTS""; ""PREFACE""; ""DAUGHTER CELLS OF MICROALGAE""; ""ABSTRACT""; ""INTRODUCTION""; ""THE CELL CYCLE IN CHLAMYDOMONAS AND DUNALIELLA""; ""Cell Cycle Stages in Synchronous Cultures of Chlamydomonas""; ""Commitment to Division in Chlamydomonas""; ""Light Quality and the Division Process in Chlamydomonas""; ""Cell Cycle Control Proteins in Chlamydomonas""; ""Genetic Control of Cell Cycle Regulators in Chlamydomonas""; ""Circadian Rhythms and the Cell Cycle in Chlamydomonas"" ""Morphological Changes over the Cell Cycle in Chlamydomonas"" Chloroplast Division in Chlamydomonas""; ""Changes in Photosynthetic Performance during the Cell Cycle in Chlamydomonas""; ""The Sexual Life Cycle of Chlamydomonas""; ""Cell Cycle Proteins in Dunaliella""; ""THE CELL CYCLE IN CHLORELLA AND NANNOCHLORIS""; ""Early Work with Synchronous Cultures of Chlorella""; ""Nitrogen Metabolism of Synchronous Cultures of Chlorella""; ""a€œGianta€? Cells of the Emerson Strain of Chlorella""; ""Circadian Rhythms of Daughter Cell Production in Chlorella""; ""Cell Division in Nannochloris"" ""THE CELL CYCLE IN SCENEDESMUS""""Cell Cycle Patterns in Scenedesmus""; ""Special Features of the Cell Cycle Related to the Colonial Habit""; ""Co-ordination of Cellular and Organellar Events in

the Scenedesmus Cell Cycle"; "Cell Cycle Regulatory Proteins in Scenedesmus"; "THE CELL CYCLE IN DIATOMS"; "Cell Synchrony and the Si-requirement in Diatoms"; "Cell Cycle-related Metabolic Changes in Diatoms"; "Sexual Reproduction in the Diatoms"; "THE CELL CYCLE IN EUGLENA"; "Circadian Gating of Cell Division in Euglena"; "THE CELL CYCLE IN DINOFLAGELLATES"
"Circadian Rhythms and the Cell Cycle in Dinoflagellates"
"The Role of Light in the Circadian Cycle in Dinoflagellates"; "Cell Cycle Regulatory Proteins and the Circadian Cycle in the Dinoflagellates"; "Molecular Genetics of Circadian Regulation in Dinoflagellates"; "THE CELL CYCLE IN UNICELLULAR CYANOBACTERIA"; "Studies with Synechococcus"; "Studies with Prochlorococcus"; "Circadian Rhythms and Cyanobacterial Cell Division"; "CONCLUSION"; "REFERENCES"; "STEM CELLS AND MORPHOGENETIC DEVELOPMENTAL PROGRAMS IN PLANTS"; "ABSTRACT"; "INTRODUCTION"
"Propagation: Its Modes, Types and Forms"
"THE MODES OF ORGANISM FORMATION, PROPAGATION AND RENEWAL"; "Seed Propagation"; "Vegetative Propagation"; "Genetic Grounds for Viviparity"; "NONTRADITIONAL NOTIONS OF THE TYPES AND MODES OF REPRODUCTION"; "Morphogenesis Pathways"; "Embryoidogeny: A New Category of Vegetative Propagation"; "Gametophytic Embryoidogeny"; "Foliar Embryoidogeny"; "Rhizogenous Embryoidogeny"; "Parallelism in the Development of Sexual and Somatic Embryos"; "Initial Cells of Sexual and Somatic Embryos"; "Initial Cells of Sexual Embryo"
"Initial Cells of Somatic Embryos (Monozygotic, Nucellar, Integumentary, Foliar, Cauligenous and Rhizogenous) in Natural Conditions"
