Record Nr.	UNINA9910349314303321
Titolo	Combinatorial Algorithms : 30th International Workshop, IWOCA 2019, Pisa, Italy, July 23–25, 2019, Proceedings / / edited by Charles J. Colbourn, Roberto Grossi, Nadia Pisanti
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-25005-9
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIX, 456 p. 335 illus., 47 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11638
Disciplina	511.6 004.0151
Soggetti	Computer science—Mathematics Discrete mathematics Algorithms Artificial intelligence—Data processing Computer arithmetic and logic units Computer graphics Discrete Mathematics in Computer Science Data Science Arithmetic and Logic Structures Computer Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	A note on handicap incomplete tournaments Computing the k- Crossing Visibility Region of a Point in a Polygon An Improved Scheme in the Two Query Adaptive Bitprobe Model On Erds Szekeres-type problems for k-convex point sets Algorithms and Hardness results on Liar's Dominating Set and k-tuple Dominating Set Fixed-parameter tractability of (n-k) List Coloring Finding Periods in Cartesian Tree Matching Parameterized Complexity of Min-Power Asymmetric Connectivity Solving Group Interval Scheduling Efficiently Call Admission on Trees with Advice (Extended Abstract) Power Edge Set and Zero Forcing Set remain difficult in cubic graphs

1.

	Towards a Complexity Dichotomy for Colourful Components
	Problems on k-caterpillars and Small-Degree Planar Graphs Maximal
	irredundant set enumeration in bounded-degeneracy and bounded-
	degree hypergraphs Dual Domination Reaching 3-Connectivity
	via Edge-edge Additions Cops and robber on some families of
	oriented graphs Disjoint clustering in combinatorial circuits The
	null number in the convexity of induced paths of order 3
	Supermagic graphs with many oud degrees incremental algorithm
	Algorithmic Scheme for Moduler Decompositions of Hypergraphs and
	Applications Shortcot Both Brosonving Bounding Complexity and
	Applications Shortest-Path-Preserving Rounding Complexity and
	Rooted Triplet Distance between Phylogenetic Networks
	Parameterized Algorithms for Graph Burning Problem Extension and
	its price for the connected vertex cover problem An Improved Fixed-
	Parameter Algorithm for Max-Cut Parameterized by Crossing Number
	An Efficient Algorithm for Enumerating Chordal Bipartite Induced
	Subgraphs in Sparse Graphs Complexity of fall coloring for restricted
	graph classes Succinct Representation of Linear Extensions via MDDs
	and Its Application to Scheduling under Precedence Constraints
	Maximum clique exhaustive search in circulant k-hypergraphs
	Burrows-Wheeler transform of words defined by morphisms Stable
	Noncrossing Matchings On the Average Case of MergeInsertion
	Shortest Unique Palindromic Substring Queries on Run-Length Encoded
	Strings A Partition Approach to Lower Bounds for Zero-Visibility
	Cops and Robber.
Sommario/riassunto	This book constitutes the refereed post-conference proceedings of the
	30th International Workshop on Combinatorial Algorithms, IWOCA
	2019, held in Pisa, Italy, in July 2019. The 36 regular papers presented
	in this volume were carefully reviewed and selected from 73
	submissions. They cover diverse areas of combinatorical algorithms,
	complexity theory, graph theory and complicatorics, complicatorial
	optimization, cryptography and information security, algorithms on
	strings and graphs, graph drawing and labelling, computational algebra
	and geometry, computational biology, probabilistic and randomized
	computation