Record Nr. UNISA996465916303316 Parameterized and Exact Computation [[electronic resource]]: 4th **Titolo** International Workshop, IWPEC 2009, Copenhagen, Denmark, September 10-11, 2009, Revised Selected Papers / / edited by Jianer Chen, Fedor V. Fomin Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, 2009 **ISBN** 3-642-11269-2 Edizione [1st ed. 2009.] Descrizione fisica 1 online resource (X, 335 p. 26 illus.) Theoretical Computer Science and General Issues, , 2512-2029;; 5917 Collana Classificazione 004 **DAT 517f** SS 4800 Disciplina 519.544 Soggetti Computer programming Discrete mathematics Computer science—Mathematics Algorithms Programming Techniques **Discrete Mathematics** Mathematics of Computing Discrete Mathematics in Computer Science Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Balanced Hashing, Color Coding and Approximate Counting --Kernelization: New Upper and Lower Bound Techniques -- A Faster Fixed-Parameter Approach to Drawing Binary Tanglegrams -- Planar Capacitated Dominating Set Is W[1]-Hard -- Boolean-Width of Graphs -- The Complexity of Satisfiability of Small Depth Circuits -- On Finding Directed Trees with Many Leaves -- Bounded-Degree Techniques Accelerate Some Parameterized Graph Algorithms -- Pareto

Complexity of Two-Parameter FPT Problems: A Case Study for Partial Vertex Cover -- What Makes Equitable Connected Partition Easy -- Improved Induced Matchings in Sparse Graphs -- Well-Quasi-Orders in Subclasses of Bounded Treewidth Graphs -- An Exact Algorithm for the

Maximum Leaf Spanning Tree Problem -- An Exponential Time 2-Approximation Algorithm for Bandwidth -- On Digraph Width Measures in Parameterized Algorithmics -- The Parameterized Complexity of Some Geometric Problems in Unbounded Dimension -- Paths of Bounded Length and Their Cuts: Parameterized Complexity and Algorithms -- Fixed-Parameter Algorithms in Analysis of Heuristics for Extracting Networks in Linear Programs -- A Probabilistic Approach to Problems Parameterized above or below Tight Bounds -- Polynomial Kernels and Faster Algorithms for the Dominating Set Problem on Graphs with an Excluded Minor -- Partitioning into Sets of Bounded Cardinality -- Two Edge Modification Problems without Polynomial Kernels -- On the Directed Degree-Preserving Spanning Tree Problem -- Even Faster Algorithm for Set Splitting! -- Stable Assignment with Couples: Parameterized Complexity and Local Search -- Improved Parameterized Algorithms for the Kemeny Aggregation Problem --Computing Pathwidth Faster Than 2 n.