Record Nr. UNISA996465507703316 Discrete Geometry, Combinatorics and Graph Theory [[electronic **Titolo** resource] ]: 7th China-Japan Conference, CJCDGCGT 2005, Tianjin, China, November 18-20, 2005, and Xi'an, China, November 22-24, 2005, Revised Selected Papers / / edited by Jin Akiyama, William Y.C. Chen, Mikio Kano, Xueliang Li, Qinglin Yu Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, Pubbl/distr/stampa 2007 1-280-93576-6 **ISBN** 9786610935765 3-540-70666-6 Edizione [1st ed. 2007.] Descrizione fisica 1 online resource (297 p.) Collana Theoretical Computer Science and General Issues, , 2512-2029;; 4381 Disciplina 516/.13 Soggetti Computer science—Mathematics Discrete mathematics Computer graphics Algorithms Artificial intelligence—Data processing Convex geometry Discrete geometry Discrete Mathematics in Computer Science Computer Graphics **Data Science** Convex and Discrete Geometry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali "Papers of the China-Japan Conference on Discrete Geometry, Combinatorics and Graph Theory (CJCDGCGT 2005)"--Pref. Conference name varies widely. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Infinite Series of Generalized Gosper Space Filling Curves --Contractible Edges in a k-Connected Graph -- An Implicit Weighted Degree Condition for Heavy Cycles in Weighted Graphs -- On the

Choice Numbers of Some Complete Multipartite Graphs -- On Convex

Quadrangulations of Point Sets on the Plane -- Sufficient Conditions for the Existence of Perfect Heterochromatic Matchings in Colored Graphs -- Impossibility of Transformation of Vertex Labeled Simple Graphs Preserving the Cut-Size Order -- A Neighborhood Condition for Graphs to Have [a, b]-Factors III -- General Balanced Subdivision of Two Sets of Points in the Plane -- Coverage Problem of Wireless Sensor Networks -- Some Topics on Edge-Coloring -- Hamiltonicity of Complements of Total Graphs -- Isolated Toughness and Existence of f-Factors -- A Note on the Integrity of Middle Graphs -- Indecomposable Coverings -- The Decycling Number of Cubic Planar Graphs -- Quasilocally Connected, Almost Locally Connected Or Triangularly Connected Claw-Free Graphs -- Rotational Steiner Ratio Problem Under Uniform Orientation Metrics -- Two Classes of Simple MCD Graphs -- Core Stability of Flow Games -- The (Adjacent) Vertex-Distinguishing Total Coloring of the Mycielski Graphs and the Cartesian Product Graphs --Three Classes of Bipartite Integral Graphs -- Reconfirmation of Two Results on Disjoint Empty Convex Polygons -- The Binding Number of a Digraph -- The Kauffman Bracket Polynomial of Links and Universal Signed Plane Graph -- Fractional Vertex Arboricity of Graphs -- Fitting Triangles into Rectangles -- Regular Coronoids and Ear Decompositions of Plane Elementary Bipartite Graphs -- On the Upper Chromatic Numbers of Mixed Interval Hypertrees -- Note on Characterization of Uniquely 3-List Colorable Complete Multipartite Graphs.