

1. Record Nr.	UNISA996465817503316
Titolo	Discrete and Computational Geometry [[electronic resource]] : Japanese Conference, JCDCG 2000, Tokyo, Japan, November, 22-25, 2000. Revised Papers // edited by Jin Akiyama, Mikio Kano, Masatsugu Urabe
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2001
ISBN	3-540-47738-1
Edizione	[1st ed. 2001.]
Descrizione fisica	1 online resource (XII, 388 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2098
Disciplina	516.13
Soggetti	Computers Geometry Application software Algorithms Computer science—Mathematics Computer graphics Theory of Computation Computer Applications Algorithm Analysis and Problem Complexity Discrete Mathematics in Computer Science Computer Graphics
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 at the end of each chapters and index.
Nota di contenuto	Papers -- Dudeney Dissections of Polygons and Polyhedrons – A Survey -- Universal Measuring Devices Without Gradations -- A Note on the Purely Recursive Dissection for a Sequentially n-Divisible Square -- Sequentially Divisible Dissections of Simple Polygons -- Packing Convex Polygons into Rectangular Boxes -- On the Number of Views of Polyhedral Scenes -- Problems and Results around the Erdős-Szekeres Convex Polygon Theorem -- On Finding Maximum-Cardinality Symmetric Subsets -- Folding and Unfolding Linkages, Paper, and Polyhedra -- On the Skeleton of the Metric Polytope -- Geometric Dissections that Swing and Twist -- On Convex Decompositions of

Points -- Volume Queries in Polyhedra -- Sum of Edge Lengths of a Graph Drawn on a Convex Polygon -- On double bound graphs with respect to graph operations -- Generalized Balanced Partitions of Two Sets of Points in the Plane -- On Paths in a Complete Bipartite Geometric Graph -- Approximating Uniform Triangular Meshes for Spheres -- The construction of Delaunay diagrams by lob reduction -- Geometric Transformation in Plane Triangulations -- Separation Sensitive Kinetic Separation Structures for Convex Polygons -- On Acute Triangulations of Quadrilaterals -- Intersecting Red and Blue Line Segments in Optimal Time and Precision -- Tight Error Bound of Geometric Problems on Convex Objects with Imprecise Coordinates -- Triangle Contact Systems, Orthogonal Plane Partitions, and their Hit Graphs -- Note on Diagonal Flips and Chromatic Numbers of Quadrangulations on Closed Surfaces -- An Extension of Cauchy's Arm Lemma with Application to Curve Development -- On the complexity of the union of geometric objects -- Structure Theorems for Systems of Segments -- 3—Dimensional Single Active Layer Routing -- Nonregular triangulations, view graphs of triangulations, and linear programming duality -- Efficient Algorithms for Searching a Polygonal Room with a Door -- A New Structure of Cylinder Packing -- Efficient algorithms for the minimum diameter bridge problem -- Illuminating Both Sides of Line Segments.
