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Note generali	"Kyoto Conference on Computational Geometry and Graph Theory (KyotoCGGT 2007)"--Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Dudeney Transformation of Normal Tiles -- Chromatic Numbers of Specified Isohedral Tilings -- Transforming Graphs with the Same Degree Sequence -- The Forest Number of (n,m)-Graphs -- Computing Simple Paths on Points in Simple Polygons -- Deflating the Pentagon -- Enumeration of Polyominoes, Polyiamonds and Polyhexes for Isohedral Tilings with Rotational Symmetry -- Solvable Trees -- Ramsey Numbers on a Union of Identical Stars Versus a Small Cycle -- A Minimal Planar Point Set with Specified Disjoint Empty Convex Subsets -- Fast Skew Partition Recognition -- Some Results on Fractional Graph Theory -- Seven Types of Random Spherical Triangle in S n and Their Probabilities -- (3,2)-Track Layout of Bipartite Graph Subdivisions -- Bartholdi Zeta Functions of Branched Coverings of Digraphs -- On Super Edge-Magic Strength and Deficiency of Graphs -- The Number of Flips Required to Obtain Non-crossing Convex Cycles -- Divide and Conquer Method for k-Set Polygons -- Coloring Axis-Parallel Rectangles -- Domination in Cubic Graphs of Large Girth -- Chvátal–Erd?s Theorem: Old Theorem

	with New Aspects -- Computer-Aided Creation of Impossible Objects and Impossible Motions -- The Hamiltonian Number of Cubic Graphs -- SUDOKU Colorings of the Hexagonal Bipyramid Fractal.
Sommario/riassunto	This book constitutes the thoroughly refereed post-conference proceedings of the Kyoto Conference on Computational Geometry and Graph Theory, KyotoCGGT 2007, held in Kyoto, Japan, in June 2007, in honor of Jin Akiyama and Vašek Chvátal, on the occasion of their 60th birthdays. The 19 revised full papers, presented together with 5 invited papers, were carefully selected during two rounds of reviewing and improvement from more than 60 talks at the conference. All aspects of Computational Geometry and Graph Theory are covered, including tilings, polygons, impossible objects, coloring of graphs, Hamilton cycles, and factors of graphs.