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Altri autori (Persone)	DeyTamal K <1964-> (Tamal Krishna) ShewchukJonathan
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Nota di contenuto	Front Cover; Contents; Preface; Chapter 1: Introduction; Chapter 2: Two-dimensional Delaunay triangulations; Chapter 3: Algorithms for constructing Delaunay triangulations; Chapter 4: Three-dimensional Delaunay triangulations; Chapter 5: Algorithms for constructing Delaunay triangulations in; Chapter 6: Delaunay refinement in the plane; Chapter 7: Voronoi diagrams and weighted complexes; Chapter 8: Tetrahedral meshing of PLCs; Chapter 9: Weighted Delaunay refinement for PLCs with small angles; Chapter 10: Sliver exudation; Chapter 11: Refinement for sliver exudation Chapter 12: Smooth surfaces and point samplesChapter 13: Restricted Delaunay triangulations of surface samples; Chapter 14: Meshing smooth surfaces and volumes; Chapter 15: Meshing piecewise smooth complexes; Bibliography; Back Cover
Sommario/riassunto	"Going beyond, yet thoroughly rooted to theory, this book provides a comprehensive look at the algorithms that can produce quality Delaunay meshes through a paradigm called the Delaunay refinement. The authors describe meshing algorithms that can be built on the Delaunay refinement paradigm along with the involved mathematical analysis. In addition to introducing the theoretical foundation of

meshing, the text discusses practical issues associated with the use of these algorithms and explores new developments in guaranteed meshing. The book also includes pseudo code as well as downloadable computer programs for meshing"--

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