

1. Record Nr.	UNINA990001117760403321
Autore	Rees, W.G.
Titolo	Physics by Example : 200 Problems and Solutions / W.G. Rees
Pubbl/distr/stampa	Cambridge : Cambridge University Press, 1994
ISBN	0-521-44975-8
Disciplina	530
Locazione	FI1
Collocazione	20D-140
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910972434603321
Autore	Cheng Siu-Wing
Titolo	Delaunay mesh generation // Siu-Wing Cheng, Tamal Krishna Dey, Jonathan Richard Shewchuk
Pubbl/distr/stampa	Boca Raton, Fla., : Taylor & Francis, 2013 Boca Raton : , : CRC Press, , 2013
ISBN	9781040078976 1040078974 9780429186097 0429186096 9781584887317 1584887311
Edizione	[1st ed.]
Descrizione fisica	1 online resource (404 p.)
Collana	Chapman & Hall/CRC computer and information science series
Classificazione	COM051300SCI041000MAT003000
Altri autori (Persone)	DeyTamal K <1964-> (Tamal Krishna) ShewchukJonathan
Disciplina	514/.223 514.223
Soggetti	Nets (Mathematics) Numerical grid generation (Numerical analysis) Triangulation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
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 samples Chapter 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"--