1. Record Nr. UNISA996466364603316

Autore	Ahn Sung Joon
Titolo	Least Squares Orthogonal Distance Fitting of Curves and Surfaces in Space [[electronic resource] /] / by Sung Joon Ahn
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2004
ISBN	3-540-28627-6
Edizione	[1st ed. 2004.]
Descrizione fisica	1 online resource (XXII, 127 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 3151
Disciplina	511/.42
Soggetti	Computers Mathematics Algebra Numerical analysis Algorithms Computer graphics Theory of Computation Mathematics, general Numeric Computing Algorithm Analysis and Problem Complexity 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 and index.
Nota di contenuto	1. Introduction -- 2. Least-Squares Orthogonal Distance Fitting -- 3. Orthogonal Distance Fitting of Implicit Curves and Surfaces -- 4. Orthogonal Distance Fitting of Parametric Curves and Surfaces -- 5. Object Reconstruction from Unordered Point Cloud -- 6. Conclusions.
Sommario/riassunto	Due to the continuing progress of sensor technology, the availability of 3-D cameras is already foreseeable. These cameras are capable of generating a large set of measurement points within a very short time. There are a variety of 3-D camera applications in the fields of robotics, rapid product development and digital factories. In order to not only visualize the point cloud but also to recognize 3-D object models from the point cloud and then further process them in CAD systems, efficient

	and stable algorithms for 3-D information processing are required. For the automatic segmentation and recognition of such geometric primitives as plane, sphere, cylinder, cone and torus in a 3-D point cloud, efficient software has recently been developed at the Fraunhofer IPA by Sung Joon Ahn. This book describes in detail the complete set of ‘best-fit’ algorithms for general curves and surfaces in space which are employed in the Fraunhofer software.

2.

Record Nr.	UNISALENTO991002415289707536
Autore	Dostoevskij, Fedor Mihajlovic
Titolo	Delitto e castigo / Fedor Dostoevskij
Pubbl/distr/stampa	Catania : Edizioni Paoline, 1966
Edizione	[8. ed.]
Descrizione fisica	3 v. ; 17 cm.
Collana	Maestri. I grandi scrittori di tutti i tempi e di tutte le letterature ; 122-124
Disciplina	891.733
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Tit. orig.: Prestuplenie i nakazanie