1.	Record Nr.	UNINA9910437583703321
	Titolo	Knowledge visualization currents : from text to art to culture / / Francis T. Marchese, Ebad Banissi, editors
	Pubbl/distr/stampa	London, : Springer, 2013
	ISBN	1-283-69696-7 1-4471-4303-5
	Edizione	[1st ed. 2013.]
	Descrizione fisica	1 online resource (229 p.)
	Altri autori (Persone)	MarcheseFrancis T BanissiE (Ebad)
	Disciplina	006.601516 006.6019
	Soggetti	Visualization Visual perception
	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 and index.
	Nota di contenuto	pt. I. Knowledge visualization background -- pt. II. Text -- pt. III. Art -- pt. IV. Culture.
	Sommario/riassunto	Lying at the intersection of education, art, and cultural heritage, visualization is a powerful tool for representing and interpreting complex information. This unique text/reference reviews the evolution of the field of visualization, providing innovative examples of applied knowledge visualization from disciplines as varied as law, business management, the arts and humanities. With coverage of theoretical and practical aspects of visualization from ancient Sumerian tablets through to twenty-first century legal contracts, this work underscores the important role that the process of visualization plays in extracting, organizing, and crystallizing the concepts found in complex data. Topics and features: Contains contributions from an international selection of preeminent authorities Presents a thorough introduction to the discipline of knowledge visualization, its current state of affairs and possible future developments Examines how tables have been used for information visualization in historical textual documents Discusses the application of visualization techniques for knowledge transfer in business relationships, and for the linguistic exploration and analysis

of sensory descriptions Investigates the use of visualization to understand orchestral music scores, the optical theory behind Renaissance art, and to assist in the reconstruction of an historic church Describes immersive 360 degree stereographic visualization, knowledge-embedded embodied interaction, and a novel methodology for the analysis of architectural forms This interdisciplinary collection of the state of the art in knowledge visualization will be of considerable interest to researchers from a broad spectrum of backgrounds in both industry and academia.