

1. Record Nr.	UNINA9910298567603321
Titolo	Handbook of human centric visualization // Weidong Huang, editor; foreword by Peter Eades
Pubbl/distr/stampa	New York, : Springer Science, 2014
ISBN	9781461474852 146147485X
Descrizione fisica	1 online resource (xxi, 743 pages) : illustrations (some color)
Collana	Gale eBooks
Altri autori (Persone)	HuangWeidong <1968->
Disciplina	004 004.01 004.01/9 005.437
Soggetti	Information visualization Human-computer interaction
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	Visual communication -- Theory and science -- Principles, guidelines and recommendations -- Methods -- Perception and cognition -- Dynamic visualization -- Interaction.
Sommario/riassunto	Visualizations are visual representations of non-visual data. They are produced for people to interact with and to make sense of the underlying data. Rapid advances in display technology and computer power have enabled researchers to produce visually appealing pictures. However, the effectiveness of those pictures in conveying the embedded information to end users has not been fully explored. Handbook of Human Centric Visualization addresses issues related to design, evaluation and application of visualizations. Topics include visualization theories, design principles, evaluation methods and metrics, human factors, interaction methods and case studies. This cutting-edge book includes contributions from well-established researchers worldwide, from diverse disciplines including psychology, visualization and human-computer interaction. This handbook is designed for a professional audience composed of practitioners, lecturers and researchers working in the field of computer graphics,

visualization, human-computer interaction and psychology. Undergraduate and postgraduate students in science and engineering focused on this topic will also find this book useful as a comprehensive textbook or reference.
