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Altri autori (Persone)	TerganSigmar-Olaf KellerTanja
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Nota di contenuto	Visual queries : the foundation of visual thinking / Colin Ware -- Representational correspondence as a basic principle of diagram design / Christopher F. Chabris, Stephen M. Kosslyn -- Node-link mapping principles for visualizing knowledge / Donald F. Dansereau -- Tools for representing problems and the knowledge required to solve them / David H. Jonassen -- Collaborative knowledge visualization for cross-community learning / Jasminko Novak, Michael Wurst -- Modeling interactive, 3-dimensional information visualizations supporting information seeking behaviors / Gerald Jaeschke, Martin Leissler, Matthias Hemmje -- Visualizing information in virtual space : prospects and pitfalls / Marc M. Sebrechts -- Impact of dimensionality and color coding of information visualizations on knowledge acquisition / Tanja Keller, Matthias Grimm -- Digital concept maps for managing knowledge and information / Sigmar-Olaf Tergan -- Concept maps : integrating knowledge and information visualization / Alberto J. Canas ... [et al.] -- Comprehensive mapping of knowledge and information resources : the case of Webster / Sherman R. Alpert -- Towards a framework and a model for knowledge visualization : synergies between information and knowledge visualization / Remo Aslak

Burkhard -- ParIS : Visualizing ideas and information in a resource-based learning scenario / Anja Neumann, Wolfgang Graber, Sigmar-Olaf Tergan -- LEO : a concept map based course visualization tool for instructors and students / John w. Coffey -- Navigating personal information repositories with weblog authoring and concept mapping / Sebastian Fiedler, Priya Sharma -- Facilitating web search with visualization and data mining techniques / Young-Jin Lee -- Role of content representations in hypermedia learning : effects of task and learner variables / Jean-Francois Rouet, Herve Potelle, Antonine Goumi -- Supporting self-regulated e-learning with visual top-map navigation / Andreas Rittershofer -- Information and knowledge visualization in development and use of a management information system (MIS) for DaimlerChrysler : a visualized dialogue and participation process / Hans-Jurgen Frank, Johannes Drosdol.

Sommario/riassunto

formation. The basic ideas underlying knowledge visualization and information vi- alization are outlined. In a short preview of the contributions of this volume, the idea behind each approach and its contribution to the goals of the book are outlined. 2 The Basic Concepts of the Book Three basic concepts are the focus of this book: "data", "information", and "kno- edge". There have been numerous attempts to define the terms "data", "information", and "knowledge", among them, the OTEC Homepage "Data, Information, Kno- edge, and Wisdom" (Bellinger, Castro, & Mills, see <http://www.syste- thinking.org/dikw/dikw.htm>): Data are raw. They are symbols or isolated and non-interpreted facts. Data rep- sent a fact or statement of event without any relation to other data. Data simply exists and has no significance beyond its existence (in and of itself). It can exist in any form, usable or not. It does not have meaning of itself.
