1. Record Nr. UNINA9910818579503321 Autore Kosslyn Stephen Michael <1948-> Titolo Graph design for the eye and mind / / by Stephen M. Kosslyn New York,: Oxford University Press, 2006 Pubbl/distr/stampa **ISBN** 0-19-977500-1 1-282-94674-9 9786612946745 Edizione [1st ed.] Descrizione fisica 1 online resource (303 p.) 85.40 Classificazione Disciplina 001.4/226 001.4226 Soggetti Experimental design - Graphic methods Graphic methods Statistics - Graphic methods 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 (p. 265-281) and index. Nota di contenuto Contents: How to Use This Book; Chapter 1 Looking With the Eve and Mind; Chapter 2 Choosing a Graph Format; Chapter 3 Creating the Framework, Labels, and Title; Chapter 4 Creating Pie Graphs, Divided-Bar Graphs, and Visual Tables; Chapter 5 Creating Bar-Graph Variants; Chapter 6 Creating Line-Graph Variants and Scatterplots; Chapter 7 Creating Color, Filling, and Optional Components; Chapter 8 How People Lie With Graphs; Chapter 9 Beyond the Graph; Appendix 1 Elementary Statistics for Graphs: Appendix 2 Analyzing Graphics Programs: Appendix 3 Summary of Psychological Principles: References Sources of Data and FiguresIndex; A; B; C; D; E; F; G; H; I; K; L; M; O; P; Q; R; S; T; U; V; W; X; Z Sommario/riassunto Graphs have become a fixture of everyday life, used in scientific and business publications, in magazines and newspapers, on television, on billboards, and even on cereal boxes. Nonetheless, surprisingly few graphs communicate effectively, and most graphs fail because they do not take into account the goals, needs, and abilities of the viewers. In raph Design for Eve and Mind, Stephen Kosslyn addresses these

problems by presenting eight psychological principles for constructing effective graphs. Each principle is solidly rooted both in the scientific

literature on how we perceive and comprehen