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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Contents; Foreword; Preface; Editors; Contributors; Prologue: Let the Data Speak!; Chapter 1: Some Prehistory of CARME: Visual Language and Visual Thinking; Chapter 2: Some History of Algebraic Canonical Forms and Data Analysis; Chapter 3: Historical Elements of Correspondence Analysis and Multiple Correspondence Analysis; Chapter 4: History of Nonlinear Principal Component Analysis; Chapter 5: History of Canonical Correspondence Analysis; Chapter 6: History of Multiway Component Analysis and Three-Way Correspondence Analysis Chapter 7: Past, Present, and Future of Multidimensional Scaling Chapter 8: History of Cluster Analysis; Chapter 9: Simple Correspondence Analysis; Chapter 10: Distributional Equivalence and Linguistics; Chapter 11: Multiple Correspondence Analysis; Chapter 12: Structured Data Analysis; Chapter 13: Empirical Construction of Bourdieu's Social Space; Chapter 14: Multiple Factor Analysis: General Presentation and Comparison with STATIS; Chapter 15: Data Doubling and Fuzzy Coding; Chapter 16: Symbolic Data Analysis: A Factorial Approach Based on Fuzzy Coded Data

Chapter 17: Group Average Linkage Compared to Ward's Method in Hierarchical Clustering
Chapter 18: Analysing a Pair of Tables: Coinertia Analysis and Duality Diagrams; References; Back Cover

Sommario/riassunto

This volume presents an overview of the state of the art in data visualization, encompassing correspondence analysis, nonlinear principal component analysis, cluster analysis, multidimensional scaling, and much more. It covers the historical development of each topic along with modern techniques and future research directions. To illustrate the methods, the book incorporates many real data examples and software implementations. Each chapter is written by leading researchers in the field and thoroughly edited to ensure coherence and consistency--
