Table of Contents

Preface

Contents

Committees, Referees, and Chairmen

Part I: Mathematical and statistical methods for classification and data analysis

Classification and clustering methods

Statistical and probabilistic aspects of clustering and classifications

Statistical, geometrical and algebraic methods for data analysis

Part II: Knowledge organization, data bases, and information retrieval

Modelling, representation and organization of conceptual knowledge

Data bases, expert systems, information retrieval, and library systems

Terminology and classification

Part III: Applications and methods for special subject fields

Classification, systematics, and evolution in biology

Classification and documentation in medicine

Data analysis in the archeological and historical sciences

XII

Classification in industry: Coding systems and commodity description