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Nota di contenuto RelView and Rath – Two Systems for Dealing with Relations -- The GUHA Method and Foundations of (Relational) Data Mining -- Mechanised Reasoning and Model Generation for Extended Modal Logics -- Theory Extraction in Relational Data Analysis -- An Environment for Specifying Properties of Dyadic Relations and Reasoning about Them I: Language Extension Mechanisms -- Consistent Representation of Rankings -- Axiomatic and Strategic Approaches to Bargaining Problems -- Categoric and Ordinal Voting:

An Overview -- Relational Models of Lambek Logics -- Approximation Operators in Qualitative Data Analysis -- Lattice–Based Relation Algebras and Their Representability -- Binary Multirelations.

Sommario/riassunto	Relational structures abound in our daily environment: relational databases, data mining, scaling procedures, preference relations, etc. As the documentation of scientific results achieved within the European COST Action 274, TARSKI, this book advances the understanding of relational structures and the use of relational methods in various application fields. The 12 revised full papers were carefully reviewed and selected for presentations. The papers are devoted to mechanization of relational reasoning, relational scaling and preferences, and algebraic and logical foundations of real world relations.