Record Nr. UNINA9910450686103321 Autore Bojadziev George Titolo Fuzzy logic for business, finance, and management [[electronic resource] /] / George Bojadziev, Maria Bojadziev Hackensack, NJ.: World Scientific, c2007 Pubbl/distr/stampa **ISBN** 1-281-12178-9 9786611121785 981-277-062-3 Edizione [2nd ed.] Descrizione fisica 1 online resource (253 p.) Collana Advances in fuzzy systems;; v. 12 Altri autori (Persone) BojadzievMaria 511.313 Disciplina 658.403 Decision making - Data processing Soggetti Business forecasting - Data processing Fuzzy logic System analysis Electronic books. 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. 217-222) and index. Nota di contenuto Contents: Foreword: Preface to the Second Edition: Preface to the First Edition; List of Case Studies; 1 Fuzzy Sets; 2 Fuzzy Logic; 3 Fuzzy Averaging for Forecasting: 4 Decision Making in a Fuzzy Environment: 5 Fuzzy Logic Control for Business, Finance, and Management; 6 Applications of Fuzzy Logic Control; 7 Fuzzy Queries from Databases: Applications; References; Index Sommario/riassunto This is truly an interdisciplinary book for knowledge workers in business, finance, management and socio-economic sciences based on fuzzy logic. It serves as a guide to and techniques for forecasting, decision making and evaluations in an environment involving uncertainty, vagueness, impression and subjectivity. Traditional modeling techniques, contrary to fuzzy logic, do not capture the nature of complex systems especially when humans are involved. Fuzzy logic uses human experience and judgement to facilitate plausible reasoning

in order to reach a conclusion. Emphasis is on applications pres