Record Nr. UNINA9910787843003321 Autore Hwang Heungsun **Titolo** Generalized structured component analysis: a component-based approach to structural equation modeling // Heungsun Hwang, McGill University, Montreal, Quebec, Canada; Yoshio Takane, University of Victoria, Victoria, British Columbia, Canada Boca Raton:,: CRC Press,, [2015] Pubbl/distr/stampa ©2015 **ISBN** 0-429-16845-4 1-4665-9295-8 Descrizione fisica 1 online resource (338 p.) Collana Chapman & Hall/CRC Statistics in the Social & Behavioral Series Chapman & Hall Book Disciplina 519.5/3 519.53 Soggetti Structural equation modeling Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references. Nota di bibliografia Nota di contenuto Front Cover; Contents; Preface; Chapter 1: Introduction; Chapter 2: Generalized Structured Component Analysis; Chapter 3: Basic Extensions of Generalized Structured Component Analysis; Chapter 4: Fuzzy Clusterwise Generalized Structured Component Analysis; Chapter 5: Nonlinear Generalized Structured Component Analysis; Chapter 6: Generalized Structured Component Analysis with Latent Interactions; Chapter 7: Multilevel Generalized Structured Component Analysis; Chapter 8: Regularized Generalized Structured Component Analysis; Chapter 9: Lasso Generalized Structured Component Analysis Chapter 10: Dynamic Generalized Structured Component AnalysisChapter 11: Functional Generalized Structured Component Analysis; References; Back Cover Sommario/riassunto Developed by the authors, generalized structured component analysis is an alternative to two longstanding approaches to structural equation modeling: covariance structure analysis and partial least squares path

modeling. Generalized structured component analysis allows

researchers to evaluate the adequacy of a model as a whole, compare a

model to alternative specifications, and conduct complex analyses in a straightforward manner. Generalized Structured Component Analysis: A Component-Based Approach to Structural Equation Modeling provides a detailed account of this novel statistical methodolo