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CHAPTER THREE Path Analysis; WHAT IS PATH ANALYSIS?; EXAMPLE PATH ANALYSIS MODEL; EQS, LISREL, AND Mplus INPUT FILES; MODELING RESULTS; TESTING MODEL RESTRICTIONS IN SEM; MODEL MODIFICATIONS; APPENDIX TO CHAPTER 3; CHAPTER FOUR Confirmatory Factor Analysis; WHAT IS FACTOR ANALYSIS?; AN EXAMPLE CONFIRMATORY FACTOR ANALYSIS MODEL; EQS, LISREL, AND Mplus COMMAND FILES; MODELING RESULTS; TESTING MODEL RESTRICTIONS: TRUE SCORE EQUIVALENCE; APPENDIX TO CHAPTER 4; CHAPTER FIVE Structural Regression Models; WHAT IS A STRUCTURAL REGRESSION MODEL? AN EXAMPLE STRUCTURAL REGRESSION MODEL; EQS, LISREL, AND Mplus COMMAND FILES; MODELING RESULTS; FACTORIAL INVARIANCE ACROSS TIME IN REPEATED MEASURE STUDIES; APPENDIX TO CHAPTER 5; CHAPTER SIX Latent Change Analysis; WHAT IS LATENT CHANGE ANALYSIS?; ONE-FACTOR LATENT CHANGE ANALYSIS MODEL; EQS, LISREL, AND Mplus COMMAND FILES FOR A ONE-FACTOR LCA MODEL; MODELING RESULTS, ONE-FACTOR LCA MODEL; LEVEL AND SHAPE MODEL; EQS, LISREL, AND Mplus COMMAND FILES, LEVEL AND SHAPE MODEL; MODELING RESULTS FOR THE LEVEL AND SHAPE MODEL; STUDYING CORRELATES AND PREDICTORS OF LATENT CHANGE
APPENDIX TO CHAPTER 6 Epilogue; References; Author Index; Subject Index

Sommario/riassunto

In this book, authors Tenko Raykov and George A. Marcoulides introduce students to the basics of structural equation modeling (SEM) through a conceptual, nonmathematical approach. For ease of understanding, the few mathematical formulas presented are used in a conceptual or illustrative nature, rather than a computational one. Featuring examples from EQS, LISREL, and Mplus, *A First Course in Structural Equation Modeling* is an excellent beginner's guide to learning how to set up input files to fit the most commonly used types of structural equation models with these programs. The basic
