

Contents

Foreword	xiii
<i>Neal Schmitt</i>	
Preface	xvii
The Contributors	xix

Part One: Introduction

1	Applied Problems and Methods of Analysis: A Road Map	3
	Neal Schmitt, Fritz Drasgow	

Part Two: Description and Measurement of Variables

2	The Grounded Theory Approach to Qualitative Research	17
	Karen Locke	
3	Computer-Based Advances in Assessment	44
	Julie B. Olson-Buchanan	
4	Item Response Theory for Dichotomous Assessment Data	88
	Steven Paul Reise, Niels G. Waller	
5	Modeling Data with Polytomous Item Response Theory	123
	Michael J. Zickar	
6	Differential Item and Test Functioning	156
	Nambury S. Raju, Barbara B. Ellis	
7	Generalizability Theory	189
	Richard P. DeShon	
8	Confirmatory Factor Analysis	221
	Charles E. Lance, Robert J. Vandenberg	

Part Three: Examining the Interrelationships Among Variables and Testing Substantive Hypotheses

9	Structural Equation Modeling: A User's Guide Roger E. Millsap	257
10	Latent Growth Modeling David Chan	302
11	Alternatives to Difference Scores: Polynomial Regression Analysis and Response Surface Methodology Jeffrey R. Edwards	350
12	Multilevel Random Coefficient Modeling in Organizational Research: Examples Using SAS and S-PLUS Paul D. Bliese	401
13	Structure and Timing in Limited Range Dependent Variables: Regression Models for Predicting If and When David A. Harrison	446
14	Computational Modeling in Organizational Sciences: Contributions of a Third Research Discipline Charles Hulin, Andrew G. Miner, Steven T. Seitz	498
15	Meta-Analysis: A Review of Quantitative Cumulation Methods Hannah R. Rothstein, Michael A. McDaniel, Michael Borenstein	534
	Name Index	571
	Subject Index	585