

Contents

1	Introduction.....	1
	Andrew Pilny and Marshall Scott Poole	
2	Response Surface Models to Analyze Nonlinear Group Phenomena	5
	Andrew Pilny and Amanda R. Slone	
3	Causal Inference Using Bayesian Networks	29
	Iftekhhar Ahmed, Jeffrey Proulx, and Andrew Pilny	
4	A Relational Event Approach to Modeling Behavioral Dynamics	51
	Carter T. Butts and Christopher Steven Marcum	
5	Text Mining Tutorial.....	93
	Natalie J. Lambert	
6	Sequential Synchronization Analysis	119
	Toshio Murase, Marshall Scott Poole, Raquel Asencio, and Joseph McDonald	
7	Group Analysis Using Machine Learning Techniques.....	145
	Ankit Sharma and Jaideep Srivastava	
8	Simulation and Virtual Experimentation: Grounding with Empirical Data.....	181
	Deanna Kennedy and Sara McComb	

Group Processes

Data-Driven Computational Approaches

Pilny, A.; Poole, M.S. (Eds.)

2017, VI, 206 p. 80 illus., 59 illus. in color., Hardcover

ISBN: 978-3-319-48940-7