Basics of Structural Equation Modeling

Geoffrey M. Maruyama
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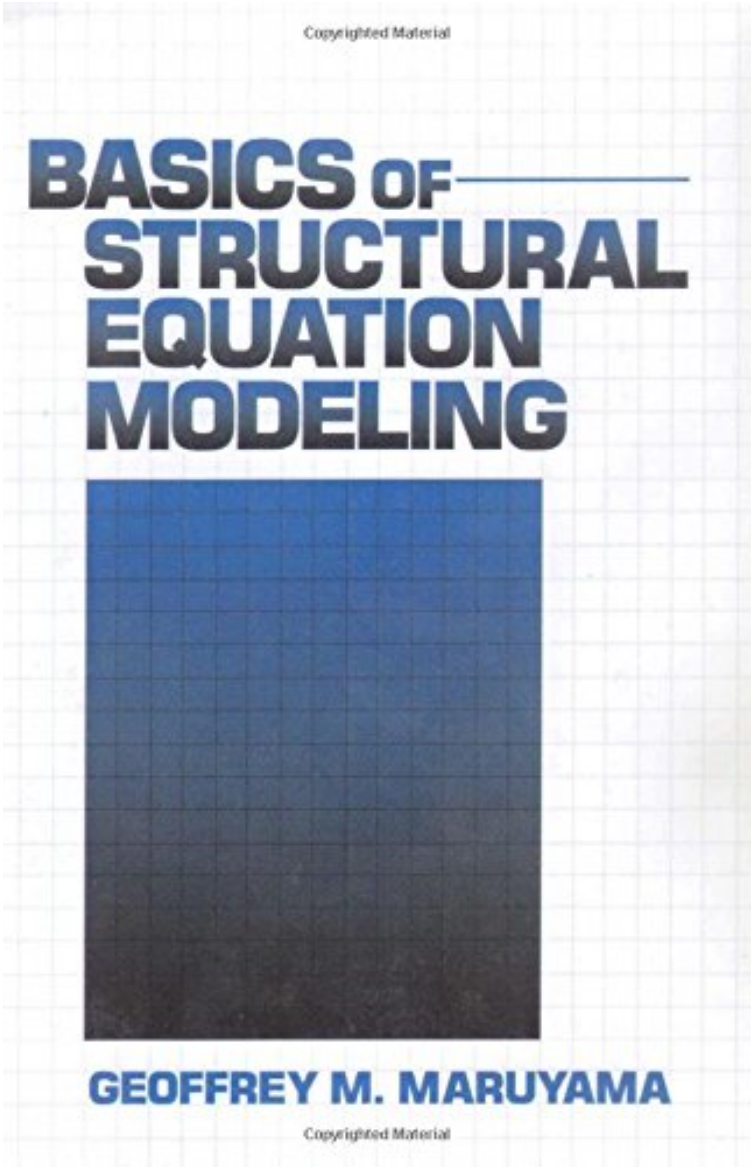

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Geoffrey M. Maruyama : Basics of Structural Equation Modeling before purchasing it in order to gage whether or not it would be worth my time, and all praised Basics of Structural Equation Modeling:

0 of 1 people found the following review helpful. Four StarsBy Adel's ReviewGood.1 of 1 people found the following review helpful. great book for those who find McArdle/Loehlin tough readingBy A CustomerI'm a doctoral student in a longitudinal data analysis class and have really appreciated this book. I don't have the extensive stats background of some of my peers, and this book is very helpful as it explains matrix algebra, latent variable SEM etc. in a way I can

understand. If you are struggling with reading the "classics" in this field, you want this book. (Of course, you do need some background in stats...at least thru multiple regression. It doesn't make SEM so easy that you don't need that!)11 of 11 people found the following review helpful. simple and useful for beginnersBy A CustomerIt treats concepts that are usually quite hard to understand in a simple manner. Especially useful if you have some minimal background knowledge of: causal modeling, regression and factor analytic techniques. Otherwise, you risk to slide over some chapters without getting everything... Those who plan to use LISREL will have an advantage, since most examples are done with this software (but with Amos it shouldn't pose a problem to translate). Still, very worth.

With the availability of software programs, such as LISREL, EQS, and AMOS, modeling (SEM) techniques have become a popular tool for formalized presentation of the hypothesized relationships underlying correlational research and test for the plausibility of hypothesizing for a particular data set. Through the use of careful narrative explanation, Maruyamas text describes the logic underlying SEM approaches, describes how SEM approaches relate to techniques like regression and factor analysis, analyzes the strengths and shortcomings of SEM as compared to alternative methodologies, and explores the various methodologies for analyzing structural equation data. In addition, Maruyama provides carefully constructed exercises both within and

" This book is a gentle introduction to the topic of structural equation modelling." " Overall, the book is a well-written introduction to structural equation modelling for people with a non-mathematical background. The stress is put on the logic of structural equation modelling and therefore it might be appreciated by more mathematical trained statisticians as well." "This book is a gentle introduction to the topic of structural equation modelling." -- Richard A. Chechile"Overall, the book is a well-written introduction to structural equation modelling for people with a non-mathematical background. The stress is put on the logic of structural equation modelling and therefore it might be appreciated by more mathematical trained statisticians as well." -- Oliver Thas "The Statistician""This book is a gentle introduction to the topic of structural equation modelling." --Richard A. Chechile"Overall, the book is a well-written introduction to structural equation modelling for people with a non-mathematical background. The stress is put on the logic of structural equation modelling and therefore it might be appreciated by more mathematical trained statisticians as well." --Oliver Thas "The Statistician ""Overall, the book is a well-written introduction to structural equation modelling for people with a non-mathematical background. The stress is put on the logic of structural equation modelling and therefore it might be appreciated by more mathematical trained statisticians as well." --Oliver Thas "The Statistician ""This book is a gentle introduction to the topic of structural equation modelling." --Richard A. Chechile-Overall, the book is a well-written introduction to structural equation modelling for people with a non-mathematical background. The stress is put on the logic of structural equation modelling and therefore it might be appreciated by more mathematical trained statisticians as well.- --Oliver Thas -The Statistician --This book is a gentle introduction to the topic of structural equation modelling.- --Richard A. Chechile "Overall, the book is a well-written introduction to structural equation modelling for people with a non-mathematical background. The stress is put on the logic of structural equation modelling and therefore it might be appreciated by more mathematical trained statisticians as well." (Oliver Thas The Statistician)"This book is a gentle introduction to the topic of structural equation modelling." (Richard A. Chechile)About the AuthorMy interest in what happens in diverse urban schools began when I became involved in a study of school desegregation while in graduate school. Those interests have led me to study a range of issues in schools, including school schedules and structures, teaching approaches such as cooperative learning and conflict resolution, social influence processes, and student background characteristics including poverty, type of housing, language, ability, and race/ethnicity. This work has been facilitated by time I spent in the Saint Paul Public Schools as their director of research, evaluation and assessment. Recently, my work has moved beyond schools to look more broadly at how universities engage urban communities to build partnerships addressing key social issues. I have complemented my substantive interests with methodology interests in structural equation methods and program evaluation. Finally, I have held administrative roles that have enriched and informed my research interests, including director of the Center for Applied Research and Educational Improvement (CAREI), assistant/associate vice president for multicultural and academic affairs, and now vice president for system academic administration . I am a past-president of the Society for the Psychological Study of Social Issues (SPSSI), and currently edit one of their journals, Analyses of Social Issues and Public Policy.