## CONTENTS

- 1. Introduction 1
- 2. Interactions in Social Science 7
- 3. Theory to Practice 13 Specifying Empirical Models to Reflect Interactive Hypotheses Interpreting Coefficients from Interactive Models Linking Statistical Tests with Interactive Hypotheses Presentation of Interactive Effects
- The Meaning, Use, and Abuse of Some Common General-Practice Rules 93 Colinearity and Mean-Centering the Components of Interaction Terms Including x and z when xz Appears
- 5. Extensions 103 Separate-Sample versus Pooled-Sample Estimation of Interactive Effects Nonlinear Models Random-Effects Models and Hierarchical Models
- 6. Summary 131

Appendix A. Differentiation Rules 133

Appendix B. Stata Syntax 136 Marginal Effects, Standard Errors, and Confidence Intervals Predicted Values, Standard Errors, and Confidence Intervals Marginal Effects, Using "lincom"

References 147

Index 151