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Nota di contenuto	Front Cover; Generalized Linear Mixed Models: Modern Concepts, Methods and Applications; Copyright; Table of Contents; Preface; Acknowledgments; Part I: The Big Picture; 1. Modeling Basics; 2. Design Matters; 3. Setting the Stage; Part II: Estimation and Inference Essentials; 4. Estimation; 5. Inference, Part I: Model Effects; 6. Inference, Part II: Covariance Components; Part III: Working with GLMMs; 7. Treatment and Explanatory Variable Structure; 8. Multilevel Models; 9. Best Linear Unbiased Prediction; 10. Rates and Proportions; 11. Counts; 12. Time-to-Event Data; 13. Multinomial Data 14. Correlated Errors, Part I: Repeated Measures 15. Correlated Errors, Part II: Spatial Variability; 16. Power, Sample Size, and Planning; Appendices: Essential Matrix Operations and Results; Appendix A: Matrix Operations; Appendix B: Distribution Theory for Matrices; References; Back Cover
Sommario/riassunto	Generalized Linear Mixed Models: Modern Concepts, Methods and Applications presents an introduction to linear modeling using the generalized linear mixed model (GLMM) as an overarching conceptual framework. For readers new to linear models, the book helps them see the big picture. It shows how linear models fit with the rest of the core statistics curriculum and points out the major issues that statistical

modelers must consider.
