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Nota di contenuto	Front Cover; Contents; Preface; List of Contributors; Part I; Body; Chapter 1: Historical Introduction; Part II: Continuous Spatial Variation; Chapter 2: Continuous Parameter Stochastic Process Theory; Chapter 3: Classical Geostatistical Methods; Chapter 4: Likelihood-Based Methods; Chapter 5: Spectral Domain; Chapter 6: Asymptotics for Spatial Processes; Chapter 7: Hierarchical Modeling with Spatial Data; Chapter 8: Low-Rank Representations for Spatial Processes; Chapter 9: Constructions for Nonstationary Spatial Processes; Chapter 10: Monitoring Network Design Chapter 11: Non-Gaussian and Nonparametric Models for Continuous Spatial DataPart III: Discrete Spatial Variation; Chapter 12: Discrete Spatial Variation; Chapter 13: Conditional and Intrinsic Autoregressions; Chapter 14: Disease Mapping; Chapter 15: Spatial Econometrics; Part IV: Spatial Point Patterns; Chapter 16: Spatial Point Process Theory; Chapter 17: Spatial Point Process Models; Chapter 18: Nonparametric Methods; Chapter 19: Parametric Methods; Chapter 20: Modeling Strategies; Chapter 21: Multivariate and Marked Point Processes

Chapter 22: Point Process Models and Methods in Spatial  
Epidemiology; Part V: Spatio-Temporal Processes; Chapter 23:  
Continuous Parameter Spatio-Temporal Processes; Chapter 24:  
Dynamic Spatial Models Including Spatial Time Series; Chapter 25:  
Spatio-Temporal Point Processes; Chapter 26: Modeling Spatial  
Trajectories; Chapter 27: Data Assimilation; Part VI: Additional Topics;  
Chapter 28: Multivariate Spatial Process Models; Chapter 29: Misaligned  
Spatial Data: The Change of Support Problem; Chapter 30: Spatial  
Aggregation and the Ecological Fallacy; Chapter 31: Spatial Gradients  
and Wombling  
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Sommario/riassunto

Offers an introduction detailing the evolution of the field of spatial statistics. This title focuses on the three main branches of spatial statistics: continuous spatial variation (point referenced data); discrete spatial variation, including lattice and areal unit data; and, spatial point patterns.

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