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Collana	Spatial Information Systems
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Soggetti	Spatial analysis (Statistics) Population geography - Statistical methods Electronic books.
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Thinking spatially in the social sciences / Michael F. Goodchild and Donald G. Janelle -- Inferring the behavior of households from remotely sensed changes in land cover : current methods and future directions / Bruce Boucek and Emilio F. Moran -- Geovisualization of human activity patterns using 3D GIS : a time-geographic approach / Mei-Po Kwan and Jiyeong Lee -- Agent-based modeling : from individual residential choice to urban residential dynamics / Itzhak Benenson. Too much of the wrong kind of data : implications for the practice of micro-scale spatial modeling / David O'Sullivan -- Neighborhood-level analysis. Identifying ethnic neighborhoods with census data : group concentration and spatial clustering / John R. Logan and Wenquan Zhang. Spatial analyses of homicide with areal data / Steven F. Messner and Luc Anselin. Spatial (dis)advantage and homicide in Chicago neighborhoods / Robert J. Sampson and Jeffrey D. Morenoff. Measuring spatial diffusion of shots fired activity across city neighborhoods / Jacqueline Cohen and George Tita. The spatial structure of urban political discussion networks / Munroe Eagles, Paul

Belanger, and Hugh W. Calkins -- Region-level analysis. Mapping social exclusion and inclusion in developing countries : spatial patterns of Sao Paulo in the 1990's / Gilberto Camara, Aldaiza Sposati, Dirce Koga, Antonio Miguel Monteiro, Frederico Roman Ramos, Eduardo Camargo, and Suzana Druck Fuks. Business location and spatial externalities : tying concepts to measures / Stuart H Sweeney and Edward J. Feser. Updating spatial perspectives and analytical frameworks in urban research / Qing Shen. Spatial analysis of regional income inequality / Sergio J. Rey. Shaping policy decisions with spatial analysis / Ted K. Bradshaw and Brian Muller. Geographical approaches for reconstructing past human behavior from prehistoric roadways / John Kantner -- Multi-scale spatial perspectives. Time, space, and archaeological landscapes : establishing connections in the first millennium BC / Patrick Daly and Gary Lock. Spatial perspectives in public health / Anthony C. Gatrell and Janette E. Rigby. The role of spatial analysis in demographic research / John R. Weeks. Spatial interaction models of international telecommunication flows / Jean-Michel Guldmann. Planning scenario visualization and assessment : a cellular automata based integrated spatial decision support system / Roger White, Bas Straatman, and Guy Engelen.

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### Sommario/riassunto

Spatial analysis assists theoretical understanding and empirical testing in the social sciences, and rapidly expanding applications of geographic information technologies have advanced the spatial data-gathering needed for spatial analysis and model making. This much-needed volume covers outstanding examples of spatial thinking in the social sciences, with each chapter showing some aspect of how certain social processes can be understood by analyzing their spatial context. The audience for this work is as trans-disciplinary as its authorship because it contains approaches and methodologies use

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