1. Record Nr. UNIBAS000023987

Autore	Golding, William
Titolo	The inheritors / William Golding
Pubbl/distr/stampa	New York : Harcourt, Brace & World, c1955
Descrizione fisica	233 p. ; 21 cm.
Disciplina	823.914
Soggetti	Popoli preistorici
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910830229703321

Autore	O'Sullivan David <1966->
Titolo	Geographic information analysis / / David O'Sullivan and David J. Unwin
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , 2010 ©2010
ISBN	1-119-02387-4 0-470-54909-2
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (431 p.)
Disciplina	910.285
Soggetti	Geographic information systems Spatial analysis (Statistics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Geographic Information Analysis; Contents; Preface to the Second Edition; Acknowledgments; Preface to the First Edition; 1 Geographic Information Analysis and Spatial Data; Chapter Objectives; 1.1 Introduction; 1.2 Spatial Data Types; The Object View; The Field View;

Choosing the Representation to Be Used; Types of Spatial Object; 1.3 Some Complications; Objects Are Not Always What They Appear to Be; Objects Are Usually Multidimensional; Objects Don't Move or Change; Objects Don't Have Simple Geometries; Objects Depend on the Scale of Analysis; Objects Might Have Fractal Dimension
Objects Can Be Fuzzy and/or Have Indeterminate Boundaries1.4 Scales for Attribute Description; Nominal Measures; Ordinal Measures; Interval and Ratio Measures; Dimensions and Units; 1.5 GIS and Spatial Data Manipulation; 1.6 The Road Ahead; Chapter Review; References; 2 The Pitfalls and Potential of Spatial Data; Chapter Objectives; 2.1 Introduction; 2.2 The Bad News: The Pitfalls of Spatial Data; Spatial Autocorrelation; The Modifiable Areal Unit Problem; The Ecological Fallacy; Scale; Nonuniformity of Space and Edge Effects; 2.3 The Good News: The Potential of Spatial Data; Distance AdjacencyInteraction; Neighborhood; Summarizing Relationships in Matrices; Proximity Polygons; Chapter Review; References; 3 Fundamentals-Mapping It Out; Chapter Objectives; 3.1 Introduction: The Cartographic Tradition; 3.2 Geovisualization and Analysis; 3.3 The Graphic Variables of Jacques Bertin; 3.4 New Graphic Variables; Animation and Graphics Scripts; Linking and Brushing; Projection; 3.5 Issues in Geovisualization; 3.6 Mapping and Exploring Points; Dot or Pin Maps; Kernel Density Maps; Located Proportional Symbol Maps; 3.7 Mapping and Exploring Areas; Color Patch Maps; Choropleth Maps Classless ChoroplethsMaps of Relative Rates; Dasymetric Mapping; Surface Models for Area Objects; Area Cartograms; 3.8 Mapping and Exploring Fields; Point Values: Spot Heights, Benchmarks, and Bubble Plots; Contours and Isolines; Enhancing the Isoline; Other Ways of Displaying Surfaces; 3.9 The Spatialization of Nonspatial Data; 3.10 Conclusion; Chapter Review; References; 4 Fundamentals-Maps as Outcomes of Processes; Chapter Objectives; 4.1 Introduction: Maps and Processes; 4.2 Processes and the Patterns They Make; Deterministic Processes; A Stochastic Process and Its Realizations
4.3 Predicting the Pattern Generated by a Process4.4 More Definitions; 4.5 Stochastic Processes in Lines, Areas, and Fields; Line Objects; Area Objects; Fields; 4.6 Conclusions; Chapter Review; References; 5 Point Pattern Analysis; Chapter Objectives; 5.1 Introduction; 5.2 Describing a Point Pattern; Centrography; Density-Based Point Pattern Measures; Quadrat Count Methods; Distance-Based Point Pattern Measures; Edge Effects; 5.3 Assessing Point Patterns Statistically; Quadrat Counts; Nearest-Neighbor Distances; The G and F Functions; The K Function; 5.4 Monte Carlo Testing; 5.5 Conclusions
Chapter Review

Sommario/riassunto

Geographic Information Analysis provides up-to-date coverage of the foundations of spatial data analysis through visualization and maps. This book covers key spatial concepts, including point pattern, line objects and networks, area objects, and continuous fields, as well as such new subjects as local statistics. With crucial methods for analyzing geographical information, this is an essential reference for professionals as well as a useful text for the classroom.
