

1. Record Nr.	UNISA996465616603316
Titolo	Spatial Information Theory [[electronic resource]] : International Conference, COSIT 2005, Ellicottville, NY, USA, September 14-18, 2005, Proceedings // edited by Anthony G. Cohn, David M. Mark
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XII, 500 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 3693
Disciplina	910.285
Soggetti	Data structures (Computer science) Artificial intelligence Computers Database management Physical geography Data Structures Artificial Intelligence Computation by Abstract Devices Database Management Models and Principles Physical Geography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Vagueness, Uncertainty, and Gradation -- Anchoring: A New Approach to Handling Indeterminate Location in GIS -- Gradation and Map Analysis in Area-Class Maps -- Simulation of Obfuscation and Negotiation for Location Privacy -- Paths and Routes -- Investigating the Need for Eliminatory Constraints in the User Interface of Bicycle Route Planners -- Path Memory in Real-World and Virtual Settings -- Shortest Path Search from a Physical Perspective -- Ontology and Semantics -- Operationalising 'Sense of Place' as a Cognitive Operator for Semantics in Place-Based Ontologies -- Data-Driven Matching of Geospatial Schemas -- The Role of Spatial Relations in Automating the

Semantic Annotation of Geodata -- Ontology and Spatial Relations -- Anatomical Information Science -- Matching Names and Definitions of Topological Operators -- Spatial Relations Between Classes of Individuals -- Spatial Reasoning -- Casl Specifications of Qualitative Calculi -- A Spatial Form of Diversity -- Structure and Semantics of Arrow Diagrams -- Cognitive Maps and Spatial Reasoning -- Cognitive Maps Are over 60 -- Categorical Methods in Qualitative Reasoning: The Case for Weak Representations -- On Internal Cardinal Direction Relations -- Time, Change, and Dynamics -- Dynamic Collectives and Their Collective Dynamics -- A Linguistics-Based Framework for Modeling Spatio-temporal Occurrences and Purposive Change -- Ordering Events for Dynamic Geospatial Domains -- Landmarks and Navigation -- Structural Salience of Landmarks for Route Directions -- Expert and Non-expert Knowledge of Loosely Structured Environments -- Landmark Extraction: A Web Mining Approach -- Geographic Information -- Satellite Images – A Source for Social Scientists? On Handling Multiple Conceptualisations of Space in Geographical Information Systems -- 3D Topographic Data Modelling: Why Rigidity Is Preferable to Pragmatism -- Morse-Smale Decompositions for Modeling Terrain Knowledge -- Spatial Behavior -- 2D-3D MultiAgent GeoSimulation with Knowledge-Based Agents of Customers' Shopping Behavior in a Shopping Mall -- Memory for Spatial Location: Influences of Environmental Cues and Task Field Rotation -- Network and Psychological Effects in Urban Movement -- Abstracts of Keynote Talks -- Probabilistic Techniques for Mobile Robot Navigation -- Spatial Language, Spatial Thought: Parallels in Path Structure.
