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Altri autori (Persone)	ClaramuntChristophe DenisMichel LigozatGerard
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Nota di contenuto	Cognitive Processing and Models for Spatial Cognition -- A Conceptual Model of the Cognitive Processing of Environmental Distance Information -- Spatial Cognition of Geometric Figures in the Context of Proportional Analogies -- Are Places Concepts? Familiarity and Expertise Effects in Neighborhood Cognition -- Semantic Modeling -- A Metric Conceptual Space Algebra -- Grounding Geographic Categories in the Meaningful Environment -- Terabytes of Tobler: Evaluating the First Law in a Massive, Domain-Neutral Representation of World Knowledge -- Spatial Reasoning -- Merging Qualitative Constraint Networks Defined on Different Qualitative Formalisms -- Semi-automated Derivation of Conceptual Neighborhood Graphs of Topological Relations -- Exploiting Qualitative Spatial Constraints for Multi- hypothesis Topological Map Learning -- Comparing Relations with a Multi-holed Region -- Spatial Cognition -- The Endpoint Hypothesis: A Topological-Cognitive Assessment of Geographic Scale Movement Patterns -- Evaluating the Effectiveness and Efficiency of Visual

Variables for Geographic Information Visualization -- SeaTouch: A Haptic and Auditory Maritime Environment for Non Visual Cognitive Mapping of Blind Sailors -- Spatial Knowledge -- Assigning Footprints to Dot Sets: An Analytical Survey -- Mental Tectonics - Rendering Consistent ?Maps -- To Be and Not To Be: 3-Valued Relations on Graphs -- Map Algebraic Characterization of Self-adapting Neighborhoods -- Scene and Visibility Modeling -- Scene Modelling and Classification Using Learned Spatial Relations -- A Qualitative Approach to Localization and Navigation Based on Visibility Information -- Showing Where To Go by Maps or Pictures: An Empirical Case Study at Subway Exits -- Spatial Modeling -- The Abduction of Geographic Information Science: Transporting Spatial Reasoning to the Realm of Purpose and Design -- An Algebraic Approach to Image Schemas for Geographic Space -- Spatio-terminological Inference for the Design of Ambient Environments -- Events and Processes -- Defining Spatial Entropy from Multivariate Distributions of Co-occurrences -- Case-Based Reasoning for Eliciting the Evolution of Geospatial Objects -- Composing Models of Geographic Physical Processes -- Route Planning -- Decentralized Time Geography for Ad-Hoc Collaborative Planning -- Adaptable Path Planning in Regionalized Environments -- An Analysis of Direction and Motion Concepts in Verbal Descriptions of Route Choices -- The Role of Angularity in Route Choice.

Sommario/riassunto

This book constitutes the refereed proceedings of the 9th International Conference on Spatial Information Theory, COSIT 2009 held in Aber Wrac'h, France in September 2009. The 30 revised full papers were carefully reviewed from 70 submissions. They are organized in topical sections on cognitive processing and models for spatial cognition, semantic modeling, spatial reasoning, spatial cognition, spatial knowledge, scene and visibility modeling, spatial modeling, events and processes, and route planning.
