Record Nr. UNISA996466463303316 Spatial Information Theory [[electronic resource]]: 12th International **Titolo** Conference, COSIT 2015, Santa Fe, NM, USA, October 12-16, 2015, Proceedings / / edited by Sara Irina Fabrikant, Martin Raubal, Michela Bertolotto, Clare Davies, Scott Freundschuh, Scott Bell Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2015 **ISBN** 3-319-23374-2 Edizione [1st ed. 2015.] Descrizione fisica 1 online resource (XIII, 491 p. 148 illus.) Theoretical Computer Science and General Issues, , 2512-2029;; 9368 Collana Disciplina 910.285 Soggetti Database management Geographic information systems Artificial intelligence Application software Information storage and retrieval systems **Database Management** Geographical Information System Artificial Intelligence Computer and Information Systems Applications Information Storage and Retrieval Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Nota di contenuto Formalizing and Modeling Space-Time -- Qualitative Spatio-Temporal Reasoning and Representation -- Language and Space -- Signs, Images, Maps, and other Representations of Space -- Navigation by Humans and Machines. Sommario/riassunto This book constitutes the proceedings of the 12th International Conference on Spatial Information Theory, COSIT 2015, held in Santa Fee, NM, USA, in October 2015. The 22 papers presented in this book were carefully reviewed and selected from 52 full paper submissions. The following topics are addressed: formalizing and modeling spacetime, qualitative spatio-temporal reasoning and representation,

language and space, signs, images, maps, and other representations of space, navigations by humans and machines.