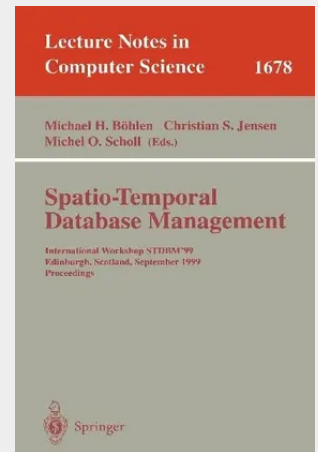


Spatio-Temporal Database Management

International Workshop STDBM'99 Edinburgh, Scotland, September 10-11, 1999
Proceedings

The papers included in this volume cover diverse aspects of the management of such data, and they have been organized into 7 groups: understanding and manipulating spatio-temporal data; integration, exchange, and visualization; query processing; index evaluation; and constraints and dependencies.

Understanding and Manipulating Spatio-Temporal Data.- A Spatio-Temporal Taxonomy for the Representation of Spatial Set Behaviours.- Lifestyles - An Algebraic Approach to Change in Identity.- The Honeycomb Model of Spatio-Temporal Partitions.- Integration, Exchange, and Visualization.- Ontology-Based Geographic Data Set Integration.- The Italian Cadastral Information System: A Real-Life Spatio-Temporal DBMS.- Using Interactive, Temporal Visualizations for WWW-Based Presentation and Exploration of Spatio-Temporal Data.- Query Processing.- Nearest Neighbor Queries in a Mobile Environment.- A Framework of a Generic Index for Spatio-Temporal Data in Concert.- Index Evaluation.- The BASIS System: A Benchmarking Approach for Spatial Index Structures.- Evaluation of Access Structures for Discretely Moving Points.- Constraints and Dependencies.- Temporal Dependencies Generalized for Spatial and Other Dimensions.- Tractable Query Answering in Indefinite Constraint Databases: Basic Results and Applications to Querying Spatiotemporal Information.- Animating Spatiotemporal Constraint Databases.



53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540664017
Medium: Buch
ISBN: 978-3-540-66401-7
Verlag: Springer
Erscheinungstermin: 25.08.1999
Sprache(n): Englisch
Auflage: Erscheinungsjahr 1999
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 400 g
Seiten: 250
Format (B x H): 155 x 235 mm

