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Soggetti	Information storage and retrieval Database management Information Storage and Retrieval Database Management
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	State of the Art of Data Warehouse Research -- Data Storage and Index Structures -- Mixed Integer Problems for Finding Optimal Tree-Based Index Structures -- Aggregated Data in Tree-Based Index Structures -- Performance Models for Tree-Based Index Structures -- Techniques for Comparing Index Structures -- Conclusion and Outlook.
Sommario/riassunto	Data warehouses differ significantly from traditional transaction-oriented operational database applications. Indexing techniques and index structures applied in the transaction-oriented context are not feasible for data warehouses. This work develops specific heuristic indexing techniques which process range queries on aggregated data more efficiently than those traditionally used in transaction-oriented systems. The book presents chapters on: - the state of the art in data warehouse research - data storage and index structures - finding optimal tree-based index structures - aggregated data in tree-based index structures - performance models for tree-based index structures - and techniques for comparing index structures.