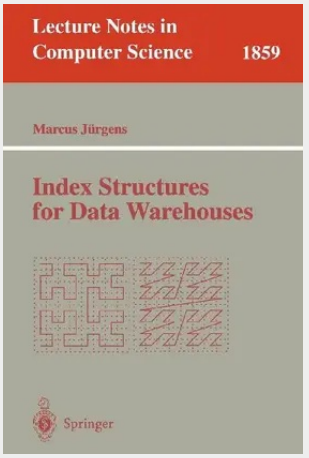
Jürgens

Index Structures for Data Warehouses

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.

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.



53,49 €
49,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540433682
Medium: Buch
ISBN: 978-3-540-43368-2
Verlag: Springer
Erscheinungstermin: 13.03.2002
Sprache(n): Englisch
Auflage: Erscheinungsjahr 2002
Serie: Lecture Notes in Computer Science
Produktform: Kartoniert
Gewicht: 236 g
Seiten: 138
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)