High-Performance Parallel Database Processing and Grid Databases
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DESCRIPTION

The latest techniques and principles of parallel and grid database processing

The growth in grid databases, coupled with the utility of parallel query processing, presents an important opportunity to understand and utilize high-performance parallel database processing within a major database management system (DBMS). This important new book provides readers with a fundamental understanding of parallelism in data-intensive applications, and demonstrates how to develop faster capabilities to support them. It presents a balanced treatment of the theoretical and practical aspects of high-performance databases to demonstrate how parallel query is executed in a DBMS, including concepts, algorithms, analytical models, and grid transactions.

High-Performance Parallel Database Processing and Grid Databases serves as a valuable resource for researchers working in parallel databases and for practitioners interested in building a high-performance database. It is also a much-needed, self-contained textbook for database courses at the advanced undergraduate and graduate levels.

ABOUT THE AUTHOR

David Taniar, PhD, lectures in information technology at Monash University, Australia. Dr. Taniar has published extensively in the field of high-performance parallel databases and is the Editor in Chief of the International Journal of Data Warehousing and Mining.
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