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2.4.3. Data Computation and Data Distribution
2.5. Summary; 2.6. Bibliographical Notes; 2.7. Exercises; Part II Basic Query Parallelism; 3. Parallel Search; 3.1. Search Queries; 3.1.1. Exact-Match Search; 3.1.2. Range Search Query; 3.1.3. Multiattribute Search Query; 3.2. Data Partitioning; 3.2.1. Basic Data Partitioning; 3.2.2. Complex Data Partitioning; 3.3. Search Algorithms; 3.3.1. Serial Search Algorithms; 3.3.2. Parallel Search Algorithms; 3.4. Summary; 3.5. Bibliographical Notes; 3.6. Exercises; 4. Parallel Sort and GroupBy; 4.1. Sorting, Duplicate Removal, and Aggregate Queries
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5.2.1. Nested-Loop Join Algorithm

Sommario/riassunto

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-
