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| Autore | Sen Soumya |
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| Soggetti | Electrical engineering<br>Data structures (Computer science)<br>Algebra<br>Ordered algebraic structures<br>Statistics<br>Communications Engineering, Networks<br>Data Structures and Information Theory<br>Order, Lattices, Ordered Algebraic Structures<br>Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences |
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| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references at the end of each chapters and index. |
| Nota di contenuto | Hyper Lattice -- Applications of Hyper-Lattice in Real Life -- Generating Co-Operative Queries over Concept Hierarchies -- Conclusions. |
| Sommario/riassunto | This book presents Hyper-lattice, a new algebraic model for partially ordered sets, and an alternative to lattice. The authors analyze some of the shortcomings of conventional lattice structure and propose a novel algebraic structure in the form of Hyper-lattice to overcome problems with lattice. They establish how Hyper-lattice supports dynamic insertion of elements in a partial order set with a partial hierarchy between the set members. The authors present the characteristics and the different properties, showing how propositions and lemmas formalize Hyper-lattice as a new algebraic structure. |