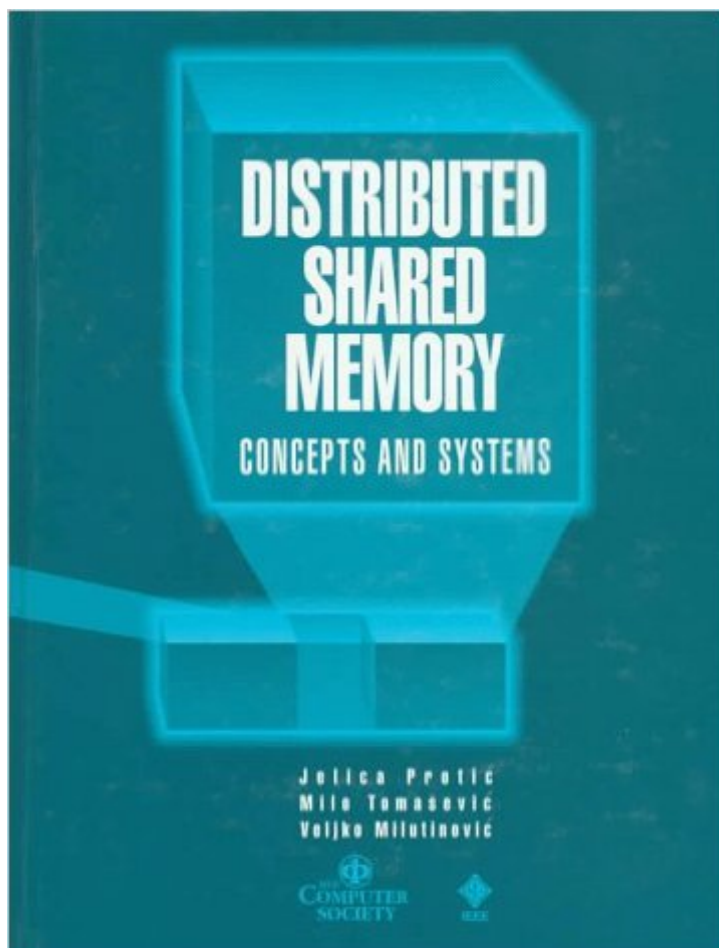# Distributed Shared Memory: Concepts And Systems

Synopsis

The papers present in this text survey both distributed shared memory (DSM) efforts and commercial DSM systems. The book discusses relevant issues that make the concept of DSM one of the most attractive approaches for building large-scale, high-performance multiprocessor systems. The authors provide a general introduction to the DSM field as well as a broad survey of the basic DSM concepts, mechanisms, design issues, and systems. The book concentrates on basic DSM algorithms, their enhancements, and their performance evaluation. In addition, it details implementations that employ DSM solutions at the software and the hardware level. This guide is a research and development reference that provides state-of-the art information that will be useful to architects, designers, and programmers of DSM systems.

Book Information

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Customer Reviews

I was amazed with this title. A very comprehensive selection of articles on DSM, giving the reader an inside look to the state of the art of distributed memory. Very good editors introductions to chapters, explaining the articles by other authors.The only problem is that the book does not mention the articles published after 1997. But comprehensive discussion helped me understand later research.

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