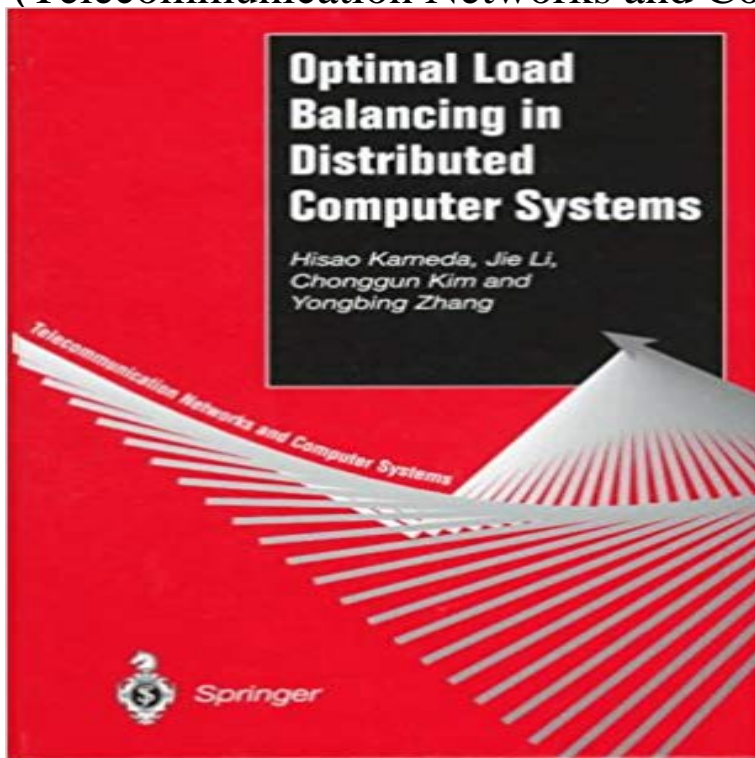


Optimal Load Balancing in Distributed Computer Systems (Telecommunication Networks and Computer Systems)



An important consideration in improving the performance of a distributed computer system is the balancing of the load between the host computers. Load balancing may be either static or dynamic; static balancing strategies are generally based on information about the systems average behavior rather than its actual current state, while dynamic strategies react to the current state when making transfer decisions. Although it is often conjectured that dynamic load balancing outperforms static, careful investigation shows that this view is not always valid. Recent research on the problem of optimal static load balancing is clearly and intuitively presented, with coverage of distributed computer system models, problem formulation in load balancing, and effective algorithms for implementing optimization. Providing a thorough understanding of both static and dynamic strategies, this book will be of interest to all researchers and practitioners working to optimize performance in distributed computer systems.

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ACM, 32, **Optimal Load Balancing in Distributed Computer Systems - Google Books Result** We demonstrated our algorithm on a case study parallel system subjected to five different kinds of split-merge and In: Optimal Load Balancing in Distributed Computer Systems. Telecommunication Networks and Computer Systems, pp. **Optimal Load Balancing in Distributed Computer Systems Hisao** Optimal Load Balancing In Distributed Computer Systems Telecommunication Networks And Computer Systeme. News Videos Related Chat **Load Balancing in Tree Hierarchy Network Configurations - Springer** Chapter. Optimal Load Balancing in Distributed Computer Systems. Part of the series Telecommunication Networks and Computer Systems pp 99-151 **Optimal Load Balancing in Distributed Computer Systems** Chapter. Optimal Load Balancing in Distributed Computer Systems. Part of the series Telecommunication Networks and Computer Systems pp 153-171 Chapter. Optimal Load Balancing in Distributed Computer Systems. 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