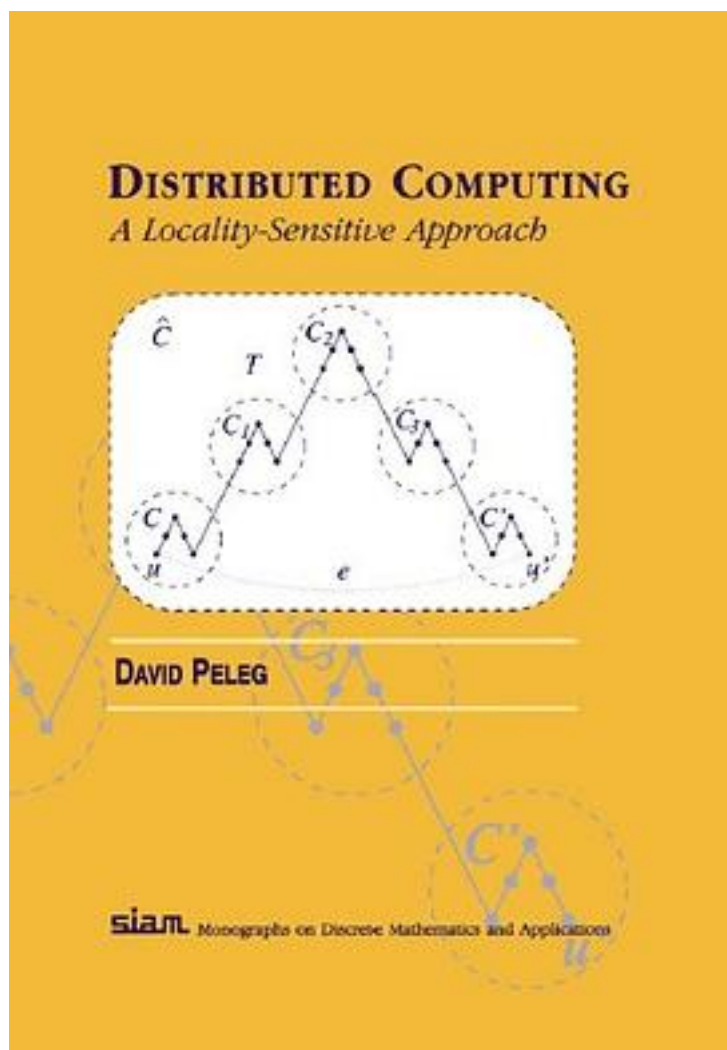


Distributed Computing



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Designing distributed computing systems is a complex process requiring a solid understanding of the design problems and the theoretical and practical aspects of their solutions. This comprehensive textbook covers the fundamental principles and models underlying the theory, algorithms and systems aspects of distributed computing. Broad and detailed coverage of the theory is balanced with practical systems-related issues such as mutual exclusion, deadlock detection, authentication, and failure recovery. Algorithms are carefully selected, lucidly presented, and described without complex proofs. Simple explanations and illustrations are used to elucidate the algorithms. Important emerging topics such as peer-to-peer networks and network security are also considered. With vital algorithms, numerous illustrations, examples and homework problems, this textbook is suitable for advanced undergraduate and graduate students of electrical and computer engineering and computer science. Practitioners in data networking and sensor networks will also find this a valuable resource. Additional resources are available online at www.cambridge.org/9780521876346.

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标签

分布式

计算机科学

分布式计算理论

分布式计算

分布式系统

distributed

Distributed

Algorithms

评论

iask上有

AOS的教材，没有涉及全部内容，但是讲到的知识点都收益匪浅，教授备课充分，逻辑清晰，这本教材同样逻辑清晰详略得当，跟上课内容相辅相成。

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书评

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