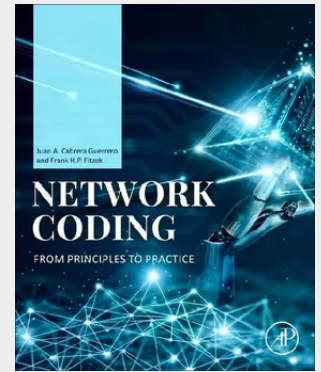


Network Coding

From Principles to Practice

Network Coding: From Principles to Practice explains the fundamentals of network coding from a practical perspective, helping engineers in industry and researchers in academia wanting to deploy network coding in their simulations and real-life applications. The book takes a practical, problem-based learning approach to network coding using guided software simulations. With this book the reader will: - Understand the fundamental principles behind network coding - Learn how to implement a network coding software library - Use a network coding library to test the fundamental principles - Be able to produce code that can quickly be adapted for their specific research - Understand the reasoning of more advanced and latest-researched network coding topics such as reliable distributed storage, partial packet recovery, etc. Network Coding: From Principles to Practice is suitable for Undergraduates, post-graduates, academic researchers and engineers in industry who want to understand and implement the fundamental principles of network coding.

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