#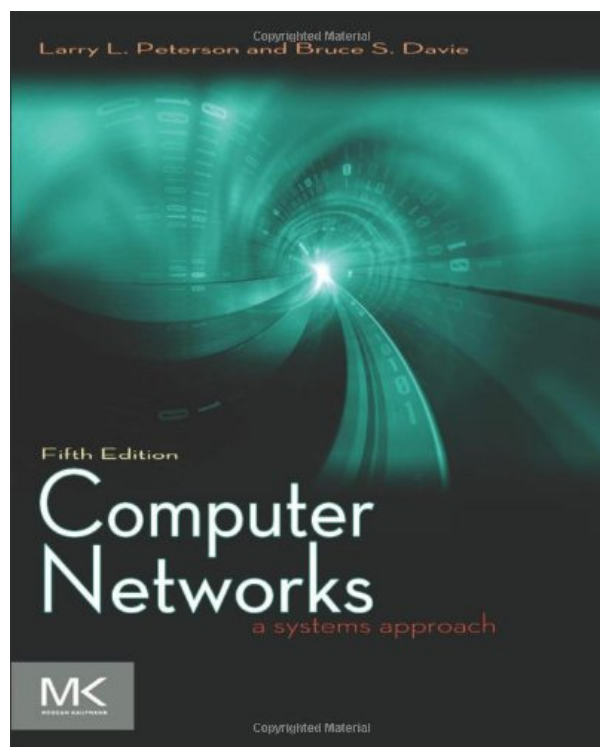 COMPUTER NETWORKS, FIFTH EDITION: A SYSTEMS APPROACH (THE MORGAN KAUFMANN SERIES IN NETWORKING) BY LARRY L. PETERSON, BRUCE S. DAVIE

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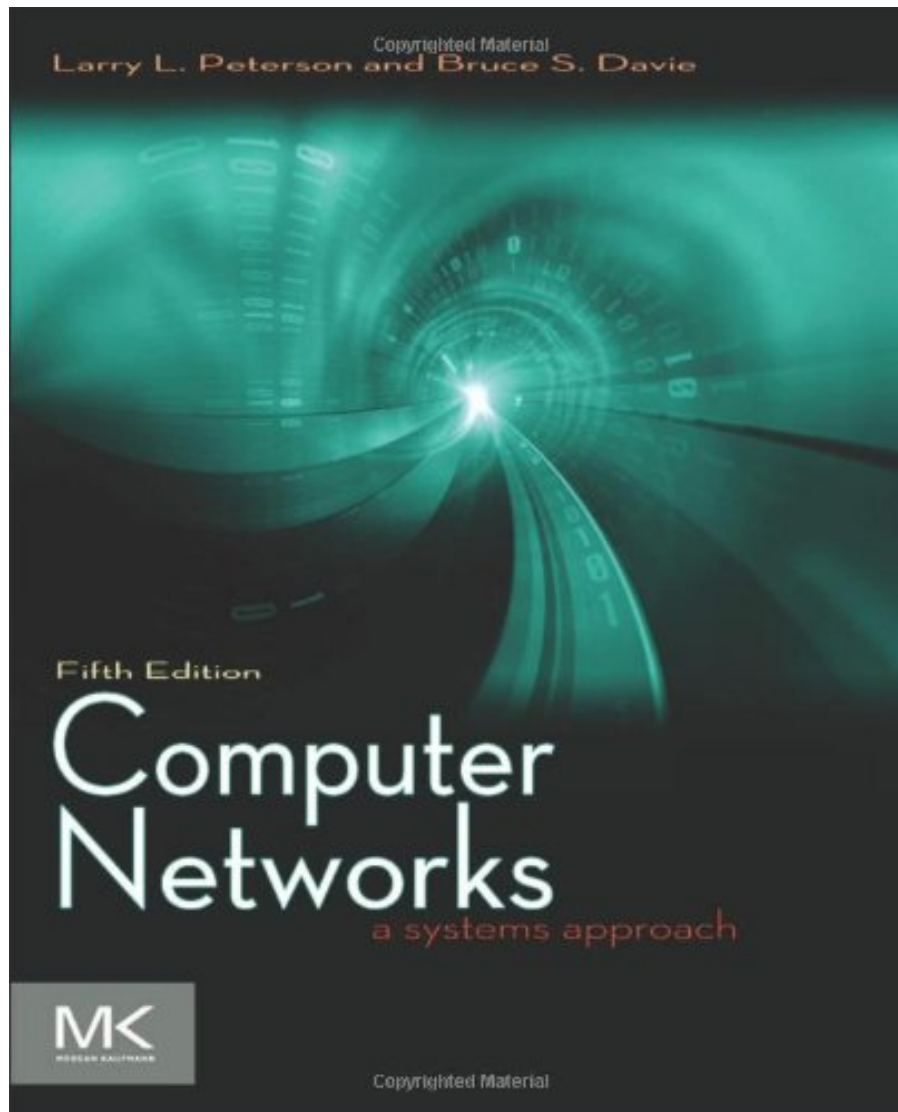
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Topics covered include network design and architecture; the ways users can connect to a network; the concepts of switching, routing, and internetworking; end-to-end protocols; congestion control and resource allocation; end-to-end data; network security; and network applications such as e-mail and the Web, IP telephony and video streaming, and peer-to-peer file sharing. Each chapter includes a problem statement, which introduces issues to be examined; shaded sidebars that elaborate on a topic or introduce a related advanced topic; What's Next? discussions that deal with emerging issues in research, the commercial world, or society; and exercises.

This book is written for graduate or upper-division undergraduate classes in computer networking. It will also be useful for industry professionals retraining for network-related assignments, as well as network practitioners seeking to understand the workings of network protocols and the big picture of networking.

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