



ATM: Theory and Application

By Darren L. Spohn, David E. McDysan

McGraw Hill Education, 2013. Softcover. Condition: New. First edition. The most current, most complete, and most "real-world" guide ever on ATM! This landmark reference is the ultimate "in print" database of ATM technology, services, and applications. From basic principles to detailed real-world examples, this text has it all, including exclusive in-depth treatment of such "hot" new protocols as IP and Tag Switching, Private Network Network Interface (PNNI), LAN Emulation (LANE), Understandable View of ATM Signaling, MultiProtocol Over ATM (MPOA), Available Bit rate (ABR) flow control, and Internet ReSerVation Protocol (RSVP). Traffic engineering and network design considerations are also extensively explained and illustrated. This is a must-have reference that will substantially enable any reader to make smarter technological and strategic business decisions regarding virtually every aspect of how, where, and why to apply ATM. Contents: Precursors to ATM. From Voice Networks to Data Networks. Transmission Networks, Protocols and Services for Data Communications. General Network Topologies. A Brief History of Packet Switching. ATM and B-ISDN Standards and Specifications. Basic Introduction to ATM. Physical Layer ATM and AAL Layers. Higher Layer User, Control and Management Planes. Switch and Buffering. ATM Internetworking and Internetworking. New ATM Networking Protocols. The Traffic Contract. Virtual Path Management...



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