

# ***AND DATA COMMUNICATIONS TECHNOLOGY***

## **WIRELESS COMMUNICATIONS AND NETWORKS, SECOND EDITION**

A comprehensive, state-of-the-art survey. Covers fundamental wireless communications topics, including antennas and propagation, signal encoding techniques, spread spectrum, and error correction techniques. Examines satellite, cellular, wireless local loop networks and wireless LANs, including Bluetooth and 802.11. Covers Mobile IP and WAP. ISBN 0-13-191835-4

## **CRYPTOGRAPHY AND NETWORK SECURITY, FOURTH EDITION**

A tutorial and survey on network security technology. Each of the basic building blocks of network security, including conventional and public-key cryptography, authentication, and digital signatures, are covered. The book covers important network security tools and applications, including S/MIME, IP Security, Kerberos, SSL/TLS, SET, and X509v3. In addition, methods for countering hackers and viruses are explored. **Second edition received the TAA award for the best Computer Science and Engineering Textbook of 1999.** ISBN 0-13-187316-4

## **BUSINESS DATA COMMUNICATIONS, FIFTH EDITION**

A comprehensive presentation of data communications and telecommunications from a business perspective. Covers voice, data, image, and video communications and applications technology and includes a number of case studies. ISBN 0-13-144257-0

## **LOCAL AND METROPOLITAN AREA NETWORKS, SIXTH EDITION**

An in-depth presentation of the technology and architecture of local and metropolitan area networks. Covers topology, transmission media, medium access control, standards, internetworking, and network management. Provides an up-to-date coverage of LAN/MAN systems, including Fast Ethernet, Fibre Channel, and wireless LANs, plus LAN QoS. **Received the 2001 TAA award for long-term excellence in a Computer Science Textbook.** ISBN 0-13-012939-9

## **ISDN AND BROADBAND ISDN, WITH FRAME RELAY AND ATM: FOURTH EDITION**

An in-depth presentation of the technology and architecture of integrated services digital networks (ISDN). Covers the integrated digital network (IDN), xDSL, ISDN services and architecture, signaling system no. 7 (SS7) and provides detailed coverage of the ITU-T protocol standards. Also provides detailed coverage of protocols and congestion control strategies for both frame relay and ATM. ISBN 0-13-973744-8