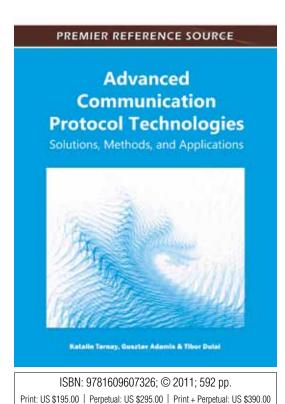
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Advanced Communication Protocol Technologies: Solutions, Methods, and Applications



Katalin Tarnay (University of Pannonia, Hungary), Gusztáv Adamis (Budapest University of Technology and Economics, Hungary) and Tibor Dulai (University of Pannonia, Hungary)

The rapid improvements brought about by modern telecommunications are made possible by unfettered transmission of information, which relies on the ability to send, receive and properly utilize communication.

Advanced Communication Protocol Technologies: Solutions, Methods, and Applications explores the complications and solutions created by communication required between ever-expanding technologies. The research in this book encompasses the fundamentals of protocol functions and protocol operations, the controlling protocols of ISDN and mobile networks, the evolution of IP-based protocols, and advanced solutions for routing, mobility and multimedia transmission. Finally, this book addresses the various special applications in this ever important field.

Topics Covered:

- Communication Protocols
- Convergence of Fixed and Mobile Networks
- Efficient Data Aggregation
- Host Identity Protocol
- Network Mobility
- Next Generation Network Interconnections
- Notations for Test Specification
- Protocol Functions
- Protocol Operation
- Transport Protocols for Multimedia Services over IP

Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.



Section 1: Basics of Communication Protocols

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Communication Protocols:

Tarnay Katalin (University of Pannonia, Hungary & Budapest University of Technology and Economics, Hungary)

Adamis Gusztáv (Budapest University of Technology and Economics, Hungary)

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Protocol Operation

Németh Gábor Árpád (Budapest University of Technology and Economics, Hungary)

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Protocol Functions

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