

BIBLIOGRAPHY

- [ATMF99] The ATM Forum, "Traffic Management Specification Version 4.1 AF-TM-0121.000", March 1999.
- [ALLE95] Anthony Alles. "ATM Networking". Cisco Systems, Inc, May 1995.
- [BAB1998] G. Babic, et al. "Analysis and Modeling Traffic in Modern Data Communication Networks". Technical Report, OSU-CISRC-1/98-TR02. Ohio State University, Febrary 1998.
- [BIRA94] Giora Biran. "Introduction to ATM Switching". http://www.rad.com/networks/1994/gbiran/atm_swi.htm, 1994.
- [ERNE94] Ernest H. Page, Jr. "Simulation Methodology: Principles and Etiology of Decision Support", Doctor Of Philosophy Dissertation, Virginia Polytechnic Institute and State University. September 1994.
- [FAHM95] Sonia Fahmy. "A Survey of ATM Switching Techniques". http://www.cis.ohio-state.edu/~jain/cis788-95/atm_switching/, 1995.
- [FISH94] Fishwick, P.A. "Computer Simulation: Growth Through Extension", *European Simulation Multiconference*, Barcelona, Spain. 1994.
- [GEOF78] Geofferey Gordon. *System Simulation*. Prentice Hall, Inc. 1978.
- [HAND4] Rainer Handel, et al. *ATM Networks: Concepts, Protocols, Applications*. Addison-Wesley. 1994.

- [HARM98] Janelle J. Harms. "Physical and Logical Design of ATM Networks for Multimedia Traffic", Local Computer Networks, 1998. pp190-197.
- [INSA96] Bruce A. Mah. "INSANE Users Manual". Computer Science Division, University of California, Berkeley, May 1996.
- [JAIN95] Raj Jain. "Congestion Control and Traffic Management in ATM Networks: Recent Advances and A Survey", Computer Networks and ISDN Systems, vol28, no13, February 1995.
- [JOHN96] John Cleary, et al. "High Performance Simulation for ATM Network Development". Final Study Report for New Zealand TeleCom. Department of Computer Science, University of Waikato, June 1996.
- [KESI95] G. Kesidis and A. Singh. "An Overview of Cell-Level ATM Network Simulation", *HPCS'95*, Montreal, Canada. 1995.
- [LEWI79] T.G. Lewis and B.J. Smith. *Computer Principles of Modeling and Simulation*. Houghton Mifflin Company. 1979.
- [MARS97] M. Ajmone Marson, et al. "An Integration Software Environment For The Simulation of ATM Networks", *SCSC'97*, Virginia, USA. July, 1997.
- [MURR96] Murray Pearson, et al. "Current Techniques for Measuring and Modeling ATM Traffic". Working Paper 96/12. Department of Computer Science, University of Waikato, June 1996.
- [NETS94] Lewis Barnett. "NetSim User's Manual". TR-92-01, University of Richmond, June 1994.

- [NIST98] Nada Gomlie, et al. "The NIST ATM/HFC Network Simulator: Operation and Programming Guide Version 4.0". U.S. Department of Commerce. December 1994.
- [OMNE00] OMNET++ Manual – Introduction.
<http://www.hit.bme.hu/phd/vargaa/omnetpp.htm>, Department of Telecommunication, Technical University of Budapest.
- [OPNE00] Opnet – A Telecommunication Network Simulation Package.
<http://www.ee.ucl.ac.uk/dcs/commercial/opnet/opnet.html>, Department of Electronic & Electrical Engineering, UCL.
- [POOC93] Udo W. Pooch and James A. Wall. *Discrete Event Simulation: a practical approach*. CRC Press, Inc. 1993.
- [REAL95] "REAL Users Manual". <http://minnie.cs.adfa.edu.au/REAL/user.ps.gz>, June 1995
- [SFCN98] *Writing S-Functions, Version 3*. The MathWorks, Inc. 1998.
- [SIMU99] *Using Simulink, Version3*. The MathWorks, Inc. 1999.
- [STAL97] William Stallings. *Data and Computer Communications*. Prentice Hall. New Jersey, 1997.
- [STAL98] William Stallings. *High-Speed Networks: TCP/IP and ATM design principles*. Prentice Hall. New Jersey, 1998.
- [TANE96] Andrew S. Tanenbaum. *Computer Networks*. Prentice Hall. New Jersey, 1998.
- [TANG94] Cheng Tang ,et al. "Performance Guarantees on ATM Network".
<http://www.cs.indiana.edu:800/cstr/ucsc-crl-94-07.ps> , 1994.

ACRONYMS

AAL-5	ATM Adaptation Layer Type 5
ABR	Available Bit Rate
ATM	Asynchronous Transfer Mode
B-ISDN	Broadband Integrated Services Digital Network
BT	Burst Tolerance
BTE	Broadband Terminal Equipment
CAC	Connection Admission Control
CBR	Constant Bit Rate
CDV	Cell Delay Variation
CDVT	Cell Delay Variation Tolerance
CTD	Cell Transfer Delay
CLP	Cell Loss Priority
CLR	Cell Loss Ratio
FIFO	First-In-First-Out
FTP	File Transfer Protocol
GFR	Guaranteed Frame Rate
IC	Input Controller
IP	Internet Protocol
LAN	Local Area Network
MBS	Maximum Burst Size
MCR	Minimum Cell Rate
MFS	Maximum Frame Size
MPEG	Moving Picture Experts Group
nrt-VBR	non real-time Variable Bit Rate
NNI	Network-Node Interface
OC	Output Controller
PCR	Peak Cell Rate

PDU	Protocol Data Unit
P-NNI	Private Network-Node Interface
PVC	Permanent Virtual Connection
Qos	Quality of Service
rt-VBR	real-time Variable Bit Rate
RAM	Random Access Memory
RM	Resource Management
SCR	Sustainable Cell Rate
SDH	Synchronous Digital Hierarchy
SONET	Synchronous Optical Network
SVC	Switched Virtual Connection
TCP	Transmission Control Protocol
UBR	Unspecified Bit Rate
UDP	User Datagram Protocol
UPC	Usage Parameter Control
VC	Virtual Connection
VCC	Virtual Channel Connection
VPC	Virtual Path Connection
VCI	Virtual Channel Identifier
VPI	Virtual Path Identifier
WWW	World Wide Web