

Bibliography

- [ARMI93] Armitage, G. J. and Adams, K. M., "Packet Reassembly During Cell Loss." *IEEE Network Magazine*, 1993, vol. 7, no. 5, pp. 26–34.
- [BERT92] Bertsekas, D. and Gallager, R. *Data Networks, 2nd edition*. Englewood Cliffs, NJ: Prentice Hall, 1992.
- [BEST97] Bestavros, A. and Kim, G. "TCP BOSTON: A Fragmentation-tolerant TCP Protocol for ATM Networks." *IEEE Proceedings of INFOCOM '97*, Kobe, Japan, April, 1997.
- [BONO95a] Bonomi, F., Fendick, K. W., and Giroux, N. "The Available Bit Rate Service." *53 Bytes: The ATM Forum Newsletter*, October, 1995, vol. 3, (available through <http://www.atmforum.com/atmforum/library/53bytes/backissues/others/53bytes-1095-2.html>)
- [BONO95b] Bonomi, F. and Fendick, K. W. "The Rate-Based Flow Control Framework for the Available Bit Rate ATM Service." *IEEE Network Magazine*, 1995, vol. 9, no. 2, pp. 25–39.
- [BRAD89] Braden, R. *Requirements for Internet Hosts – Communication Layers*. Internet RFC 1122, October, 1989.
- [CHEO97] Cheon, K. and Panwar, S. S. "Early Selective Packet Discard for Alternating Resource Access of TCP over ATM-UBR." *Proceedings of IEEE LCN '97*, 1997, pp. 306–316.
- [CLAR82] Clark, D. D. *Window and Acknowledgement Strategy in TCP*. Internet RFC 813, July, 1982.
- [COME88] Comer, D. *Internetworking with TCP/IP: Principles, Protocols, and Architecture*. Englewood Cliffs, NJ: Prentice-Hall, 1988.
- [DELI91] Delisle, D. and Pelamourgues, L. "B-ISDN and how it works.[sic]" *IEEE Spectrum*, 1991, vol. 28, no. 8, pp. 39–42.
- [EBRA92] Ebrahim Z. "A Brief Tutorial on ATM." March, 1992, available through <http://www.lanl.gov/lanp/atm.tutorial.html>.

- [FALL96] Fall, K. and Floyd, S. "Simulation-based Comparisons of Tahoe, Reno, and SACK TCP." *ACM SIGCOMM Computer Communication Review*, July, 1996, vol. 26, no. 3, pp. 5–21.
- [GADE97] Gadecki, C. and Heckart, C. *ATM for Dummies*. Foster City, CA: IDG Books, 1997.
- [GERL80] Gerla, M., and Kleinrock, L. "Flow Control: A Comparative Survey." *IEEE Transactions on Communications*, 1980, vol. COM-28, no. 4, pp. 553–574,
- [GOYA98a] Goyal, R., Jain, R., Kalyanaraman, S., Fahmy, S., and Vandalore, B. "Improving the Performance of TCP over the ATM-UBR service.[sic]" *Computer Communications*, 1998, vol. 21, no. 10, pp. 898–911.
- [GOYA98b] Goyal, R., Fahmy, S., Jain, R., and Vandalore B. "Effect of RM cell interval on ABR feedback: A simulation study using OPNET." *ATM Forum Documentation Number: ATM_Forum/98-0407*, July, 1998.
- [HALS92] Halsall, F. *Data communications, computer networks and open systems, 3rd edition* Reading, MA: Addison-Wesley, 1992.
- [HAND94] Händel, R., Huber, M. N., and Schröder, S., *ATM Networks - Concepts, Protocols, Applications*. Reading, MA: Addison-Wesley, 1994.
- [IBE97] Ibe, O. C. *Essentials of ATM Networks and Services*. Reading, MA: Addison-Wesley, 1997.
- [JACO88a] Jacobson, V. "Congestion Avoidance and Control." *Proceedings of SIGCOMM '88*, Stanford, USA, August, 1988, pp. 314–329.
- [JACO88b] Jacobson, V. and Braden, R. *TCP Extensions for Long-Delay Paths*. Internet RFC 1072, October, 1988.
- [JACO92] Jacobson, V., Braden, B., and Borman, D. *TCP Extensions for High Performance*. Internet RFC 1323, May, 1992.
- [JAIN96] Jain, R., Kalyanaraman, S., Fahmy, S., Goyal, R., and Kim, S.- C. "Source Behavior for ATM ABR Traffic Management: An Explanation." *IEEE Communications Magazine*, 1996, vol. 34, no. 11, pp. 50–57.
- [JAUS98] Jaussi, L., Lorang, M., and Nelissen, J. "A Detailed Experimental Performance Evaluation on TCP over UBR." *Proceedings of IEEE ICATM '98*, Colmar, France, June, 1998.
- [KALY96] Kalyanaraman, S., Jain, R., Fahmy, S., Goyal, R., Lu, F., and Srindhi, S. "Performance of TCP/IP over ABR Service on ATM Networks." *Proceedings of IEEE GLOBECOM '96*, London, UK, November, 1996, pp. 468–475.

- [KARI00] Karim, M. R. *ATM Technology and Services Delivery*. Englewood Cliffs, NJ: Prentice Hall, 2000.
- [KAWA91] Kawasaki, M. and Jabbari, B. "B-ISDN Architecture and Protocol." *IEEE Journal on Selected Areas in Communications*, 1991, vol. 9, no. 9, pp. 1405–1415.
- [KESS93] Kessler, G. C. *ISDN: Concepts, Facilities, and Services*. New York: McGraw-Hill, 1993.
- [KIM95] Kim, B. G. and Wang, P. "ATM Network: Goals and Challenges." *Communications of the ACM*, 1995, vol. 38, no. 2, pp. 39–44,109.
- [KUNG95] Kung, H. T. and Morris, R. "Credit-Based Flow Control for ATM Networks." *IEEE Network Magazine*, 1995, vol. 9, no. 2, pp. 40–48.
- [LAMB96] Lambarelli, L. "ATM Service Categories: The Benefits to the User." ATM Forum, 1996, available through
http://www.atmforum.com/atmforum/library/service_categories.html.
- [LAPI97] Lapid, Y., Rom, R., and Sidi M. "Analysis of Packet Discarding Policies in High-Speed Networks." *Proceedings of IEEE INFOCOM '97*, Kobe, Japan, April, 1997, pp. 1191–1198.
- [MACD90] MacDougall, M. H., trans. Kobayashi, M. *Simulating Computer Systems: Techniques and Tools (Japanese translation)*. Tokyo: Kogakusha, 1990.
- [MARS95] Marsan, M. A., and Bianco, A., Do, T. V., Jereb, L., Cigno, R. L., and Munafò, M. "ATM Simulation with CLASS." *Performance Evaluation: Performance Modeling Tools*, 1995, no. 24, pp. 137–159.
- [MATH96] Mathis, M., Mahdavi, J., Floyd, S., and Romanow, A. *TCP Selective Acknowledgment Options*. Internet RFC 2018, October, 1996.
- [MCDY94] McDysan, D. E. and Spohn, D. L. *ATM - Theory and Application*. New York: McGraw-Hill, 1994.
- [MJO00] Jo, M. and Ebihara, Y. "A Study on Delayed Packet Discard Schemes." *Proceedings of ICDCS 2000 Workshops*, Taipei, Taiwan, ROC., April, 2000. pp. B.63–B.70.
- [NABE96] Nabeshima M. "A study on selective cell discard scheme which avoids dropping end of packet cells." *Technical Report of IEICE*, 1996, SSE96-88, IN96-72, CS96-96(1996-09), pp. 79–84.

- [NEWM93] Newman, P. "Backward Explicit Congestion Notification for ATM Local Area Networks." *Proceedings of IEEE GLOBECOM '93*, Houston, Texas, USA, November, 1993, pp. 719-723.
- [OHSA95] Ohsaki, H., Murata, M., Suzuki, H., Ikeda, C., and Miyahara, H. "Rate-Based Congestion Control for ATM Networks." *ACM SIGCOMM Computer Communication Review*, April, 1995, vol. 25, no. 2, pp. 60-72.
- [OKUD96] Okuda, M. and Ishihara, T. "Evaluation of TCP/IP traffic over ATM network.[sic]" *Technical Report of IEICE*, 1996, SSE96-89, IN96-73, CS96-97(1996-09), pp. 85-90.
- [OMID93] Omidiyar, C. G. and Aldridge, A. "Introduction to SDH/SONET." *IEEE Communications Magazine*, September, 1993, vol. 31, no. 9, pp. 30-33.
- [PART93] Partridge, C. *Gigabit Networking*. Reading, MA: Addison-Wesley, 1993.
- [PRYC93] Prycker, M. D. *Asynchronous Transfer Mode - Solution for Broadband ISDN*, 2nd edition. Hertfordshire: Ellis Horwood, 1993.
- [RAMA90] Ramakrishnan, K. K. and Jain, R. "A Binary Feedback Scheme for Congestion Avoidance in Computer Networks", *ACM Transactions on Computer Systems*, May, 1990, vol. 8, no. 2, pp. 158-181.
- [ROMA95] Romanow, A. and Floyd, S. "Dynamics of TCP Traffic over ATM Networks." *IEEE Journal on Selected Areas in Communication*, 1995, vol. 13, no. 4, pp. 633-641.
- [SAIT96] Saito, H., Kawashima, K., Kitasume, H., Koike, A., Ishizuka, M., and Abe, A. "Performance Issues in Public ABR Service." *IEEE Communications Magazine*, 1996, vol. 34, no. 11, pp. 40-48.
- [SCHW87] Schwartz, M. *Telecommunication Networks: Protocols, Modeling and Analysis*. Reading, MA: Addison-Wesley, 1987.
- [SHIN94] Shinohara, M., Suzuki, H., and Fan, R. "Buffer Management for Best Effort Traffic in ATM Networks." *Technical Report of IEICE*, 1994, vol. SSE94-94, IN94-62, CS94-93(1994-09), pp. 21-26.
- [SIU95] Siu, K. and Jain, R. "A Brief Overview of ATM: Protocol Layers, LAN Emulation, and Traffic Management." *ACM SIGCOMM Computer Communications Review*, April 1995, vol. 25, no. 2, pp. 6-20.
- [STAL95] Stallings, W. *ISDN and Broadband ISDN with Frame Relay and ATM*. Englewood Cliffs, NJ: Prentice-Hall, 1995.

BIBLIOGRAPHY

- [STEV97] Stevens, W. "TCP Slow Start, Congestion Avoidance, Fast Retransmit, and Fast Recovery Algorithms." *Network Working Group*, January, 1997.
- [SUZU94] Suzuki, T. "ATM Adaptation Layer Protocol." *IEEE Communications Magazine*, 1994, vol. 32, no. 4, pp. 80–83.
- [TM4.1] ATM Forum. "ATM Traffic Management Specification Version 4.1." March, 1999.
- [TURN96] Turner, J. S. "Maintaining High Throughput during Overload in ATM Switches." *Proceedings of INFOCOM '96*, San Francisco, USA, March, 1996, pp. 287–295.
- [VETT95] Vetter, R. J. "ATM Concepts, Architectures, and Protocols." *Communications of the ACM*, 1995, vol. 38, no. 2, pp. 30–38,109.
- [YIN94] Yin, N. and Hluchyj, M. G. "On Closed-Loop Rate Control for ATM Cell Relay Networks." *Proceedings of INFOCOM 94*, Toronto, Canada, June, 1994, pp. 99–108.