## Reference:

[BEHROUZ] Behrouz, A.F. TCP/IP Protocol Suite, Mc-Graw Hill, pp. 9-13, 2000 [BRATLEY] P.Bratley, B.L. Fox, L.E.Schrage, A Guide to Simulation, 2<sup>nd</sup> Ed., Springer-Verlag, 1987.

[BRESLAU] L. Breslau, D. Estrin, K. Fall, S. Floyd, J. Heidemann, A. Helmy, P. Huang, S. McCanne, K. Varadhan, Y. Xu, H. Yu, "Advances in network simulation", *IEEE Computer Magazine*, Vol. 33, pp. 59-67, May 2000.

[B.SIKDAR] B. Sikdar, et. al. Analytic Models and Comparative Study of the Latency and Steady-State Throughput of TCP Tahoe, Reno and SACK, Global Teclecommunications Conference, GLOBECOM'01 IEEE, Vol. 3, pp. 1781-1787, 2001.

[C.M.OVERSTREET] C.M. Overstreet. Model Specification and Analysis for Discrete Event Simulation. PhD Dissertation, Dept. of Comp. Sc., Viginia Tech, Dec. 1982.

[DELSI88] DELSI 1.1, Softland, 1988-1999

[DELPHI99] DELPHI 5.0, Inprise Corporation, 1999.

[DOUGLAS] Douglas E. Comer, "Internetworking with TCP/IP: Principles, Protocols, and Architectures", Volume 1, Fourth Edition, Prentice-Hall, 2000.

[E.ALESSIO] E. Alessio, et. al. Analytical Estimation of Completion Times of Mixed NewReno and Tahoe TCP Connections overe Single and Multip; Bottleneck Networks, Global Teclecommunications Conference, GLOBECOM'01 IEEE, Vol. 3, pp. 1788-1793, 2001.

[FERGAL] Fergal Daly. Computer Network Simulation.

http://oak.ece.ul.edu/~daly/thesis/aa.htm. Last Updated: October, 1997.

[FISHWICK95] Paul Fishwick. What is Simulation?

http://cis.ufl.edu/~fishwick/introsim/node1.html. Last Updated: 19October 1995.

[FISHWICK96] P.A.Fishwick.. Computer Simulation: The Art and Science of Digital World Construction. IEEE Pontentials. Pp. 24-27. February/March 1996.

[HAEWON] Haewon Lee, et. al. The Influence of the large Bandwidth-Delay Product on TCP Reno, NewReno, and SACK, IEEE, 2001.

[HAINING] Haining Wang, et. al. A simple Refinement of Slow-start of TCP Congestion Control, IEEE 2000.

[HOE] J. C. Hoe, Improving the Start-up Behavior of a Congestion Control Scheme for TCP, SIGCOMM, August 1996.

[HOE2] J. C. Hoe, Start-up dynamics of TCP's congestion control and avoidance schemes, 1995. Master's thesis, MIT.

[INSANE] Bruce A. Mah. INSANE 1.0a11. University of Berkeley, California. 1998.

[JACOBSON98] Jacobson, V., "Congestion Avoidance and Control", Computer Communication Review, Vol. 18, No. 4, August 1988, pp. 314-329

[JACOBSON90] Jacobson, V., Modified TCP Congestion Avoidance Algorithm, Technical Report, 30 April 1990. URL: ftp://ftp.ee.lbl.gov/email/vanj.90apr30.txt

[JAVA] Cay S. Horstmann, Gary cornell. Java 2 Fundamental I. Sun Microsystems Inc. 1999.

[KELVIN] Kelvin, F. and Sally, F., "Simulation-based Comparisons of Tahoe, Reno and SACK TCP.

[LEON] Leon-Garcia and Widjaja, "Communication Network: Fundamental Concepts and Key Architectures", pp. 527 – 530, McGraw-Hill, 2000.

[MM96] Matthew Mathis and Jamshid Mahdave. Forward Acknowledgement: Refining TCP Congestion Control, SIGCOMM, August 1996.

[MMFR96] Mtthew Mathis and et.al. TCP Selective Acknowledgment Options, Internet daft, 1996.

[NIST] N. Golmie, F. Mouveaux, L. Hester, Y. Saintillan, A. Koenig, D. Su. The NIST ATM/HFC Network Simulator: Operation and Programming Guide. High-Speed Networks Technologies Group, NIST, US Dept. of Commerce. Dec. 1998.

[NS] Steven McCanne and Sally Floyd. "NS (network Simulator)", 1995, http://www-nrg.ee.lbl.gov/ns.

[NS01] The NS Manual. The VINT Project, March 2001.

[OMNET] A. Varga et. al. OMNeT++1.1. Technical University of Budapest, 1995

[OPNET] OPNET Modeling Manual Vol. 1. OPNET Version 3.5. MIL3 Inc. 1997.

[PARSEC] R. Bagrodia, R. Meyer, M. Takai, Y.Chen, X. Zeng, J. Martin, H. Y. Song. PARSEC: A Parallel Simulation Environment for Complex Systems. IEEE Computer, pp. 77-85. October, 1998.

[REAL] REAL 5.0 User Manual. Cornell University, August 1997.

[R.E.NANCE] R.E. Nance, "A History of Discrete Event Simulation Programming Languages", Proc. of the 2<sup>nd</sup> ACM SIGPLAN History of Programming Lang. Conf., Reprinted in ACM SIGPLAN Notices, 28(3), pp. 149-175, April 1993. [RF95] Allyn Romanow and Sally Floyd. Dynamics of TCP traffic over atm networks. IEEE Journal on Selected Areas in Communication, 13(4), 1995. http://wwwnrg.ee.lbl.gov/nrg-papers.html.

[RFC1263] RFC1263, S. O'MAlley et. al. TCP Extensins Considered Harmful, October 1991

[RFC1693] RFC1693, T. Connolly et. al. An Extension to TCP: Partial Order Service, November 1994

[RFC2001] RFC2001, W.Stevens, "TCP Slow Start, Congestion Avoidance, Fast Retransmit, and Fast Recovery Algorithms", January 1997.

[RFC2018] RFC2018, M. Mathis et. al. TCP Selective Acknowledgement Options, October 1996

[RFC2398] RFC2398, S. Parker et. al. Some Testing Tools for TCP Implementors, August 1998

[RFC2414] RFC2414, M. Allman, *Increasing TCP's Initial Window*, September 1998.

[RFC2415] RFC2415, K. Poduri, Simulation Studies of Incresed Initial TCP Window Size, September 1998.

[RFC2416] RFC2416, T.Shepard, When TCP Starts Up With Four Packets Into Only Three Buffers, T. Shepard.

[RFC2525] RFC2525, M. Allman et. al. Known TCP Implementation Problems, March 1999

[RFC2581] RFC2581, M. Allman, "TCP Congestion Control", April 1999.

[RFC2582] RFC 2582, S. Floyd, "The New Reno Modification to TCP's Fast Recovery Algorithm", April 1999.

[S.FLOYD] Sally Floyd. Issues of TCP with SACK, rough draft, March 1996.

[S. MASCOLO] Mascolo S., Smith's Predictor for Congestion Control in TCP Internet Protocol, American Control Conference, California, June 1999.

[SUN] Sun Microsystems, Inc., Java 2 Platform Standard Ed. v 1.3 API Specification, 2000.

[UMJANETSIM] Lim Shiau Hong. The UMJaNetSim Manual.University Malaya, March 2001.

[V.ILLINGWORTH] Valerie Illingworth et. al., *A Dicitonary of Computing*, 4th ed. OXFORD University, New York, 1996.

 [W.R.STEVENS1] W. R. Stevens. TCP/IP Illustrated, Vol. 1: The Protocols, Addison-Wesley Publishing Company, 1994.
[W.R.STEVENS2] G. R. Wright and W. R. Stevems. TCP/IP illustrated, Vol. 2, Addison-Wesley Publishing Company, 1995.