

ECE 753: Fault-Tolerant Computing

Spring 2003-2004 (January 2004 - May 2004)

GENERAL REFERENCE LIST

Books

- [prad:96] D. K. Pradhan, editor, *Fault-Tolerant Computer System Design*, Prentice-Hall, first edition, 1996. **(Optional Text, Requested to be on reserve)**.
- [siew:99] D. Siewiorek and R. Swartz, *The Theory and Practice of Reliable System Design*, A. K. Peters, third edition, 1999. **(Optional Text, Requested to be on reserve, same as second edition)**.
- [shooman:02] M. L. Shooman, *Reliability of Computer Systems and Networks: Fault Tolerance, Analysis and Design*, Wiley Interscience, 2002. **(Optional Text, Requested to be on reserve)**.
- [john:89] B. W. Johnson, *Design and analysis of fault tolerant digital systems*, Addison-Wesley, first edition, 1989. **(on reserve)**.
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- [triv:01] K. Trivedi, *Probability and Statistics with Reliability, Queuing, and Computer Science Applications*, John Wiley and Sons, new edition, 2001. **(on reserve - Library may not have new edition yet)**.
- [Sahner:96] R. A. Sahner, K. Trivedi, and A. Puliafito, *Performance and Reliability Analysis of Computer Systems*, Kluwer Academic Publishers, 1996.
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- [ross85] S. M. Ross, *Introduction to Probability Models*, Academic Press, Inc., 1985.
- [Jalote:94] P. Jalote, *Fault Tolerant in Distributed Systems*, Prentice Hall, 1994.

Journals and Conference Proceedings

IEEE Transactions on Computers. (**IEEE TC had a special issue on fault-tolerant embedded systems in February 2002**)

IEEE Transactions on Reliability

IEEE Transactions on Software Engineering

IEEE Computer

Journal of ACM

ACM Computing Surveys

IBM Journal of Research and Development

IEEE Design & Test of Computers

IEEE Spectrum

Proceedings of the IEEE

Proceedings of the International Symposium on Fault-Tolerant Computing (**on reserve**) - also called International Conference on Dependable Systems and Networks

Proceedings of the International Conference on Distributed Computing

Proceedings of the International Conference on Parallel and Distributed Information Systems

Proceedings of the Real-Time Systems Symposium

Proceedings of the International Test Conference

Proceedings of the Reliability Physics

Proceedings of the Reliability and Maintainability Symposium

Proceedings of the International On-line Test Workshop