

## **Book, book chapter, and tutorial text**

1. On routing and performance analysis of the doubly connected networks for MANs and LANs (T. Y. Chung, S. Rai, and D. P. Agrawal), in *Advances in computing and control* (Editors: W. A. Porter, S. Kak, and J. L. Aravena), Springer-Verlag, 1989 (book chapter).
2. *Wave shaping and digital circuits* (K.K. Aggarwal and S. Rai), Khanna Publishers, New Delhi, India, 1990 (book).
3. *Distributed computing network reliability* (Editors: S. Rai and D.P. Agrawal), IEEE Computer Society Press, Washington DC, 1990 (tutorial text).
4. *Advances in distributed system reliability* (Editors: S. Rai and D.P. Agrawal), IEEE Computer Society Press, Washington DC, 1990 (tutorial text).
5. Evaluating dependability models in fault tolerant systems using Mathematica (A. Yelundur and S. Rai), in *Fault-tolerant systems and software* (Editors: R. Mittal, C. R. Muthukrishanan, and V. P. Bhatkar), Narosa Publishing House, Pune, India, 1996 (book chapter).
6. Designing optimal sensor systems with dependability bounds (Chapter 10 in *Multi-sensor fusion: Fundamentals and applications with software* by R. R. Brooks and S. S. Iyengar, Prentice Hall, NJ, 1998) is based on R. R. Brooks, S. S. Iyengar, and S. Rai, "Minimizing cost of redundant sensor-systems with non-monotone and monotone search algorithms," in *proc. Rel. and Maint. Symp.*, (Philadelphia, PA, Jan. 13 - 16, 1997), pp. 307- 313.