## References

- 1. John M and Sebastian S. Application Specific Integrated Circuits. Addison-Wesley, 1997.
- 2. Jenkins JH. Designing with FPGAs and CPLDs. Prentice-Hall, 1994.
- 3. Weste NH and Eshraghian K. Principles of CMOS VLSI Design: A Systems Perspective. Pearson Education Asia, 2000.
- 4. Bhasker J. A VHDL Primer. 3rd ed, Prentice Hall PTR, 1998.
- 5. Hai-feng C. Design and Implementation of Real-time Fabric Defect Detection System. *Advances in information Sciences and Service Sciences* 2012; 4(21): 23-30.
- Diana M, Radu M, Nicholas HZ, Phillip S, Pradeep KK, Sungmee P, Sundaresan J, Stefan J, Christl L, Werner W, Tunde K, Didier C, Janusz G, Gerhard T, Mark J, Tom M and Zahi N. Electronic Textiles: A Platform for Pervasive Computing. *The IEEE*, 2003; 91(12): 1995-2018
- 7. Specht DF. Probabilistic neural networks. Neural Networks1990; 3(1): 109-118.
- 8. El-EmaryIMM and RamakrishnanS.On the Application of Various Probabilistic Neural Networks in Solving Different Pattern Classification Problems. *World Applied Sciences Journal* 2008; 4(6): 772-780.
- 9. Eason G, Randall Wilson and D. Center Point Selection for Probabilistic Neural Networks. In: *International Conference on Artificial Neural Networks and Genetic Algorithms*, 1997. pp. 514-517.
- 10. Wilson DR and Tony RM. Heterogeneous Radial Basis Functions. *International Conference on Neural Networks*,1996; paper no.2, pp.1263-1267.
- 11. Wilson DR. and Tony RM. Improved Heterogeneous Distance Function. *Journal of Artificial Intelligence Research* 1997; 6(1):1-34.
- 12. Stanfill C. and Waltz D. Towards Memory Based Reasoning. *Communication of the ACM* 1986; 29(12): 1213-1228.
- 13. Ramakrishnan S. and Selvan S. Classification of Brain Tissues Using Multiwavelet Transformation and Probabilistic Neural Network. *International Journal of Simulation:* Systems, Science and Technology 2006; 7(9): 9-25.
- 14. Ramakrishnan S and Selvan S. Image Texture Classification Using Wavelet Based Curve Fitting and Probabilistic Neural Network. *International Journal of Imaging Systems and Technology* 2007; 17(4): 266-275.
- 15. Tian B, Mahmood R A, Thomas H, Vonder H and Donald R. Temporal Updating Scheme for Probabilistic Neural Network with Application to Satellite Cloud Classification. *IEEE Transactions on Neural Networks* 2000; 11(4): 903-920.
- 16. Tsai S, Lin CH and Lin JJ. Applying an Artificial Neural Network to Pattern Recognition in Fabric Defects. *Text Res J* 1995: 65(3): 123-130.