

BIBLIOGRAPHY

1. Anderson, T. W. (1974) : "An Introduction to Multivariate Statistical Analysis", New Delhi, Wiley Eastern Pvt. Ltd.
2. Cook R. D., and Weisberg, S. (1982) : "Residuals and Influence in Regression", New York London, Chapman and Hall.
- *3. Cybenko, G. (1989) : "Approximation by Superpositions of a sigmoidal Function", Mathematics of Control Signals and Systems, Vol. 2, pp. 303 - 314.
4. Draper, N. R. and Smith, S. (1981): "Applied Regression Analysis", New York, Wiley.
5. Fisher, R. A. (1936): "The use of multiple measurement in taxonomic problems", Ann. Eugen. London, 7, 179.
- *6. Gorman, R. P., and Sejnowski, T. J. (1988): "Analysis of Hidden Units in a Layered Network to Classify Sonar Targets", Neural Networks, 1, pp 75-89.
7. Harget, A. J., and Bodor, N. (1992) : "Computer-Aided Drug Design:A Neural Network Approach," IFIP Transactions, Information Processing 92, Vol.3 pp. 252-258.
8. Haykin, S. S. (1994): "Neural Network :A Comprehensive Foundation" , New York , Macmillan.
- *9. Hebb, D. O. (1949): "The Organization of Behavior, A Neuropsychological Theory", New York, John Wiley.
- *10. Hopfield, J. J. (1982): "Neural Networks and Physical Systems with Emergent Collective Computational Abilities", Proc. Natl. Acad. Sci. 79 pp. 2554-2258.
- *11. Hopfield, J. J. (1984): "Neurons with graded Response have Collective Computational Properties like Those of Two State Neurons", Proc. Natl. Acad. Sci. 81 pp. 3088-3092.
- *12. Hutchinson, J. M. (1994): "A Radial Basis Function Approach to Financial Time Series Analysis", Ph.D. dissertation, Mass. Institute of Technology.

- *13. Kai-Yeung Siu, Roychowdhery, V. and Reinhold Kaillath Thomas (1995) : "Discrete Neural computation : A Theoretical Foundation", U.S.A., Prentice Hall International, Inc.
- 14. Kendall, M. (1980): "Multivariate Analysis", London, Griffin.
- *15. Khoshgoftar, T. M., and Szabo, R.M. (1996): "Using Neural Networks to Predict Software faults During Testing" IEEE Transactions on Reliability, Vol. 45, No. 3, pp. 456-462.
- 16. Kshirsagar, A. M. (1972): "Multivariate Analysis", New York, Marcel Dekker, Inc.
- 17. Lehmann, E. L. (1986) : "Testing Statistical Hypothesis", New York, Wiley.
- 18. McCulloch, W. S., and Pitts, W. H.(1943): "A logical calculus of the Ideas Imminent in Nervous Activity", Bulletine of Mathematical Biophysics. 5, pp. 115-133.
- 19. Mehta, N. R., and Mhatre, K. S. (1996) :" Design of Multilayer Perceptron Networks for Pattern Classification", Vivek 9.4, pp. 3-15.
- *20. Minsky, M., and Papert, S. (1969): "Perceptron" Combridge Mass., MIT Press.
- *21. Mirchandini, G. and Cao, W. (1989) : "On hidden Nodes in Neural Nets", IEEE, Trans. Circuits Systems 36(5) pp. 661 - 664.
- 22. Pados, A. D., and Papantoni-Kazakos (1995): "New Nonleast - squares Neural Network Learning Algorithm for Hypothesis Testing", IEEE Transactions on Neural Networks, Vol. 6 No. 3 pp. 596 - 600.
- *23. Robbins H., and Monro, S. (1951) : "A stochastic approximation method", Ann. Math. Stat., Vol.22. pp. 400-407.
- *24. Rosenblatt, F.(1958): "The Perceptron:A probabilistic Model for Information storage and Organization in the Brain", Psych. Rev. 65, pp. 386-408.

- *25. Rumelhart, D. E., and McClelland, T. L. (1986) : "Parallel Distributed processing", MIT Press and The PDP Research Group.
- *26. Rumelhart, Hinton and Williams (1986) : "Learning internal Representation by Error Propagation", in parallel Distributed Processing Exploration in the Microstructure of cognition.
- 27. Schalkoff, R. J. (1997) "Artificial Neural Networks", New York, McGraw-Hill.
- *28. Vowdouri-maniati, E., Kurz, L. and Kowalsk, M. k. (1997): "A Neural Network Approach to Nonparametric and Robust Classification Procedures", IEEE Transactions on Neural Networks, Vol. 8, No. 2, pp. 288-298.
- 29. Warner, B., and Misra M. (1996) : "Understanding Neural Network as Statistical Tools", The American Statistician, Vol 50, No. 4, pp. 284 - 293.
- 30. Wasserman, P. D. (1989) : "Neural computing : Theory and Practice", New York, Van Nostrand Reinhold.
- *31. Werbos, P. J. (1974): "Beyond Regression : New Tools for Prediction and Analysis in the behavioral Sciences", Doctoral Dissertation, Appl. Math., Harvard University, Mass.
- *32. Widrow, B., and Hoff, M.E.(1960): "Adaptive Switching Circuits", 1960 IRE Western Electric Show and Convention Record, Part 4 (Aug. 23) pp. 96-104.
- *33. Widrow, B. (1962): "Generalization and Information Storage in Networks of Adaline 'Neurons'", in Self-organizing System. M.C. Jovitz, G.T. Jacobi, and G. Goldstein. Eds. Washington, D.C. : Spartan Books, pp. 435-461.
- 34. Zurada,J. M. (1992): "Introduction to Artificial Neural Systems", Bombay, Jaico.

Note : '*' indicates the 'references' that author has not referred directly.