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REFERENCES

1. Simon O Haykin, Neural Networks and Learning Machines (3rd Edition), Pearson Higher Education, 2008
2. S.N. Sivanandam and S.N. Deepa, "Principles of Soft Computing", Wiley India, 2007.
3. S. N. Sivanandam, S. Sumathi and S. N. Deepa, "Introduction to Fuzzy Logic using MATLAB", Springer, 2007.
4. S. Rajasekaran and G.A.V.Pai, "Neural Networks, Fuzzy Logic and Genetic Algorithms", PHI, 2003.
5. J.S.R.Jang, C.T.Sun and E.Mizutani, "Neuro-Fuzzy and Soft Computing", PHI, 2004.

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