# References

[1] Ogata, Katsuhiko. ,"Modern Control Engineering", New Jersey: Prentice Hall, pp 1-3, 1997.

[2] Ljung, L, "*System Identification-Theory for the user*", Prentice Hall, 1987.

[3] Friedland, Bernard. , *"Control System design*", New York: McGraw-Hill, pp 30-52, 1987.

[4] Guez, A., Selinsky,J., "A trainable neuromorphic controller", Journal of Robotic Systems", Vol. 5, No.4, pp 363-388, 1988.

[5] Davalo, Naim," *Neural Networks*", Macmillan, 1991.

[6] Hunt and Sbarbaro, "Neural Networks for Control System - A Survey", *Automatic*, Vol. 28, pp. 1083-1112, 1992.

[7] Neural Network Toolbox Users Guide, the Math works Inc, 1998.

[8] Pham and Liu, "*Neural Networks for Identification"*, Prediction and Control, Springer, 1995.

[9] Cybenko,G, "Approximation by superposition of a Sigmoidal Function, Mathematics of Control, Signals and Systems", Vol 2, No. 4, pp 303-314, 1989.

[10] Saerens M., Soquet A., "Neural Controller based on back-propagation algorithm", IEE Proceedings –F, Vol. 138, No.1, pp 55-62, 1991.

[11] Narendra K.S., Parthasarathy K., "Identification and control of dynamical systems using neural networks", IEEE Transactions on Neural Networks", Vol.1,No.1, pp 4-27, 1990.

[12] Zurada, jacek M., "Introduction to Artificial Neural System", west publishing company, 1992.

[13] Billings, S.A., "Introduction to nonlinear system analysis and identification", Berlin, 1989.

[14] Johansson, Rolf –," *System modeling and identification*", Prentice Hall, 1993.

[15] Hagan, M and Demuth, H-," *Neural Network Design* ", Boston, PWS, 1996.

[16] Marco, P and Raul, L "Application of several neuro control schemes to a 2 DOF manipulator", 1998.

[17] Magnus Norgaard, *Neural Network Design Toolkit*, http://www.iau.dtu.dk/research/control/nnlib/manual.pdf, 07/10/2011

[18] Barto, Sutton and Anderson, "Neuronlike adaptive elements that can solve difficult learning control problems", *IEEE Trans on Systems, Man and Cybernetics*, Vol. SMC-13, pp 834-846, Sept-Oct 1983.

[19] C.W. Anderson," Learning to control an inverted pendulum using neural networks", *IEEE Controls Systems Magazine*, 1989.