

Neural Networks for Nonlinear Dynamic Systems

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With the advent of new technologies it is becoming easier to understand, observe and control the nonlinear dynamic systems in the environment. For simplicity most often systems are considered to be linear and accordingly formulated. It becomes simplified for theoretical development but designing a control system with such assumption and implementing it becomes a difficult task as one faces the real life nonlinear systems. To overcome such problems researchers are trying to design control systems with humanlike perception.

Artificial Neural Networks (ANN) are simplified models of the human nervous system.....