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Application of Neural Networks in Model Updation Using Frequency Response and Radial Basis Function Network

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Abstract

The main objective of this paper is to construct a function, out of the given data which are the functional values defined at some discrete points. Many existing traditional methods like numerical as well as statistical methods are available and give good approximate result up to some extent. But if the data set is very large then the computational complexity rises. Again in case of dynamic data, the working procedure starts from the beginning at every time and a new function is constructed. In this paper, a model is developed by using neural network