

# Feed-Forward Neural Networks With Sigmoidal And Radial Basis Functions Hidden Neurons

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**Abstract** - *This discussion paper concentrates on a possible combination of different activation functions in the multilayered perceptron (MLP) for classification tasks. The activation functions, which are combined are the sigmoidal and the radial basis function. We propose this approach to modification of MLP as solutions to some of the shortfalls of this network.*