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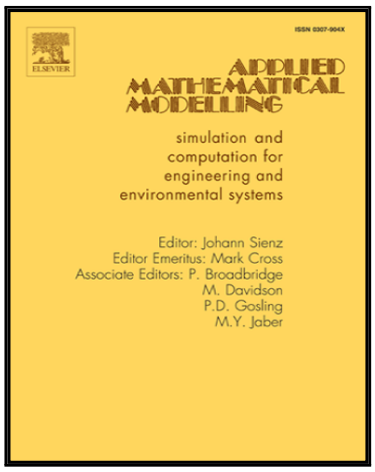

Radial Basis Function Approximations: Comparison and Applications

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Highlights

- We propose the radial basis function (RBF) approximation of scattered data.
- Approximation is based on the distance between a given point and a reference point.
- The set of reference points is specified by a user.
- Method returns the approximating function which is represented as a sum of M RBFs.
- Experimental results show that proposed RBF approximation gives the best results.

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