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WPD and DE/BBO-RBFNN for Solution of Rolling Bearing Fault Diagnosis

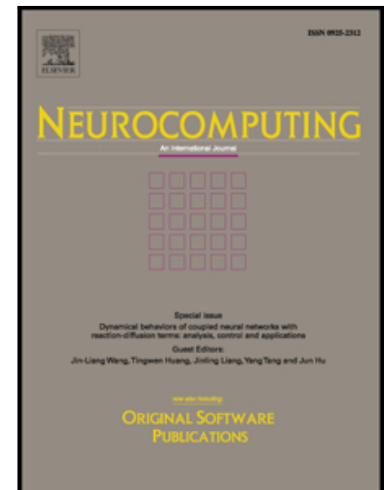
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Highlights

- A fault diagnosis method using WPD and DE/BBO-RBFNN is proposed.
- WPD is used on extraction of feature vector.
- A hybrid differential evolution with biogeography-based optimization algorithm based on RBFNN is developed.
- The fault diagnosis accuracy of rolling bearing is improved using the proposed method.

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