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An Intelligent Support System for Automatic Detection of Cerebral Vascular Accidents from Brain CT Images

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Highlights

- A RBFNN based system for automatic diagnosis of CVAs from brain CT is proposed.
- The best possible RBFNN topology, inputs and parameters are identified by MOGA.
- Symmetry features along with 1st and 2nd order statistics compose the feature space.
- 98.01% specificity and 98.22% sensitivity in a set of 1,867,602 pixels are achieved.
- The proposed approach compares favourably with existing approaches

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