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A holistic approach for Off-line handwritten cursive word recognition using directional feature based on Arnold transform

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Highlights

- We present an off-line handwritten word recognition system.
- The system is based on extraction of directional features.
- Arnold Transform followed by Hough transform is used to extract directional feature.
- A multi-class linear SVM is employed to recognize handwritten cursive words.
- Experiments are done on CENPERMI database of legal amounts written in English.

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