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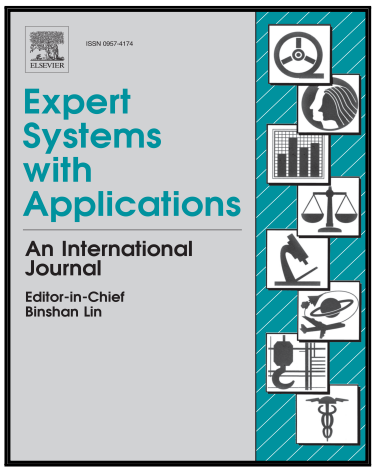

Gender classification in smartphones using gait information

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Highlights

- A novel approach for gender classification in smartphones using gait information
- Gait information collected from accelerometer and gyroscope sensors is utilized
- Feature extraction from gait cycles using histogram of gradient descriptor
- The dataset consists of a total of 654 gait data acquired from 109 subjects
- Results show that proposed approach provides higher accuracy than existing methods

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