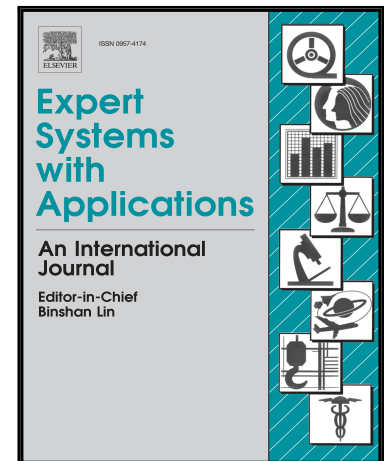


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Hierarchical Classification method based on Selective Learning of Slacked Hierarchy for Activity Recognition Systems

Sunder Ali Khowaja , Bernardo Nugroho Yahya , Seok-Lyong Lee

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Highlights

- The problem of multi-class activity classification is addressed in this article.
- The proposed method is based on error-correcting output coding (ECOC) method.
- Two independent base classifiers are combined for multi-class activity recognition.
- A multistage maximum voting process is used to combine the results of classifiers.
- The proposed method is verified to be applicable for real-time sensor readings.

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