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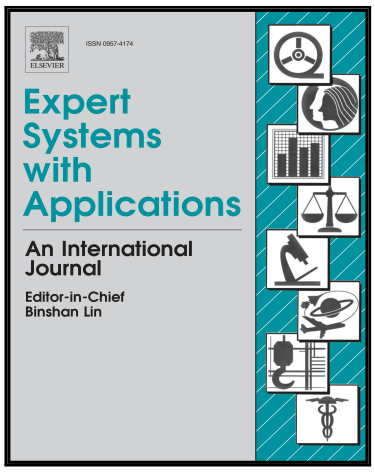

Body-Movement-Based Human Identification Using Convolutional Neural Network

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Highlights

- Our method is body movement-based human identification using front and back view.
- Our identification method is robust to the cases of people carrying items or with various poses.
- Deep learning method using thermal difference image-based three-channel inputs is used.
- Our collected database and trained CNN are public to other researchers.

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