



ANFIS post-processing for real time gait detection and classification

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Manuscript keypoints

- » Gait detection and distinction from other movement patterns like descending the stairs is a crucial task for an exoskeleton supporting user movement.
- » Popular methods involve threshold values and post factum detection. They are not applicable to real-time control systems.
- » Our idea to achieve this goal is to use particular type of artificial neural network. Adaptive Neuro-Fuzzy Inference System