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Power Spectral Features of Musculoskeletal Disorders and Their Classification

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The analysis of biomedical data on musculoskeletal disorders using data provided by motion sensors. The patient's features are extracted from the signal represented as power in dB. The feature dimensionality is then reduced using Data Whitening and classified into two classes: healthy and diseased. Two different methods are used for classification: SVM and MLP.

Primary author: VATAMANIUC, Nichita

Co-author: KUKAL, Jaromír (FNSPE CTU in Prague)

Presenter: VATAMANIUC, Nichita

Session Classification: Dynamic Decision Making