

# ACRONYMS AND ABBREVIATIONS

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**AM** Amplitude Modulated

**ANN** Artificial Neural Networks

**AR** Autoregressive

**ApEn** Approximate Entropy

**CART** Classification and Regression Tree

**CNS** Central Nervous System

**CT** Computed Tomography

**CWT** Continuous Wavelet Transform

**Db2** Second Order Daubechies

**Db4** Fourth Order Daubechies

**DWT** Discrete Wavelet Transform

**ECG** Electrocardiography

**ECoG** Electrocorticogram

**EEG** Electroencephalogram

**EGG** Electrogastrography

**EMG** Electromyography

**EOG** Electrooptigraphy

**EMD** Empirical Mode Decomposition

**ERP** Event-Related Potential

**FF-ANN** Feed Forward - Artificial Neural Networks

**FFWNN** Feed Forward Wavelet Neural Network

**FM** Frequency Modulated

**FT** Fourier Transform

**IMF** Intrinsic Mode Functions

**LFP** Local Fields Potentials

**LMBPNN** Levenberg-Marquardt Backpropagation Neural Network

**MEG** Magnetoencephalography

**MRI** Magnetic Resonance Imaging

**MRW** Multidimensional Radial Wavelons

**MRW-FFWNN** Multidimensional Radial Wavelons - Feed Forward Wavelet Neural Network

**MRW-SRWNN** Multidimensional Radial Wavelons - Self Recurrent Wavelet Neural Network

**MODWT** Maximal Overlap Discrete Wavelet Transform

**NN** Neural Network

**SRWNN** Self Recurrent Wavelet Neural Network

**STFT** Short-Time Fourier Transform

**SVM** Support Vector Machine

**VOTE** Voting Strategy

**WNN** Wavelet Neural Network

**WV** Weighted Voting Strategy