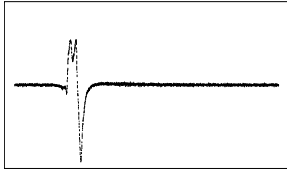
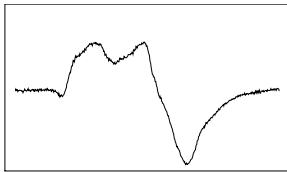


# Subject insects to wingbeat sensor bioassay



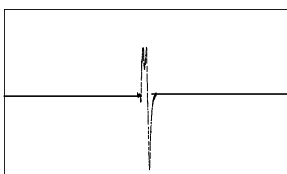
Trim



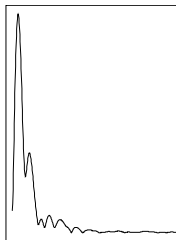
Filter

1. Feature extraction

Padding with zeroes



Fourier transform

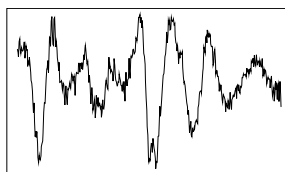


2. Feature extraction

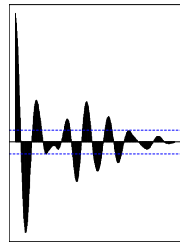
3. Feature extraction

4. Feature extraction

Filter

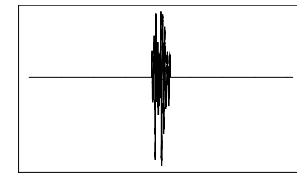


Autocorrelation function

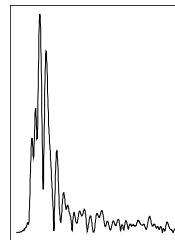


7. Feature extraction

Padding with zeroes



Fourier transform



5. Feature extraction

6. Feature extraction