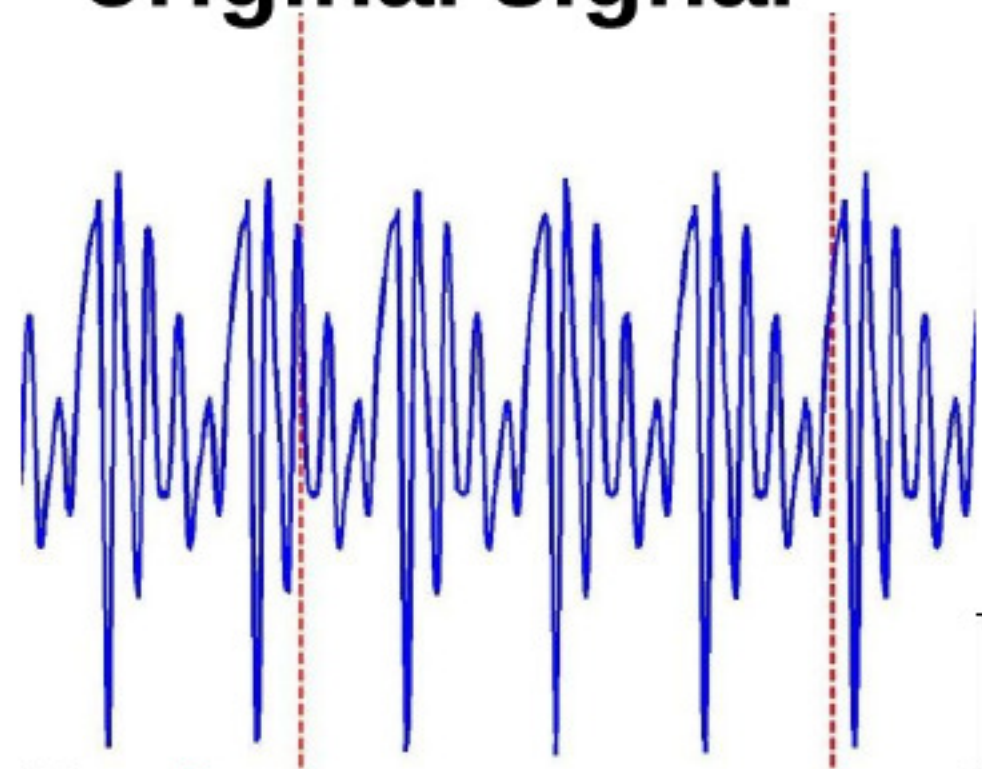
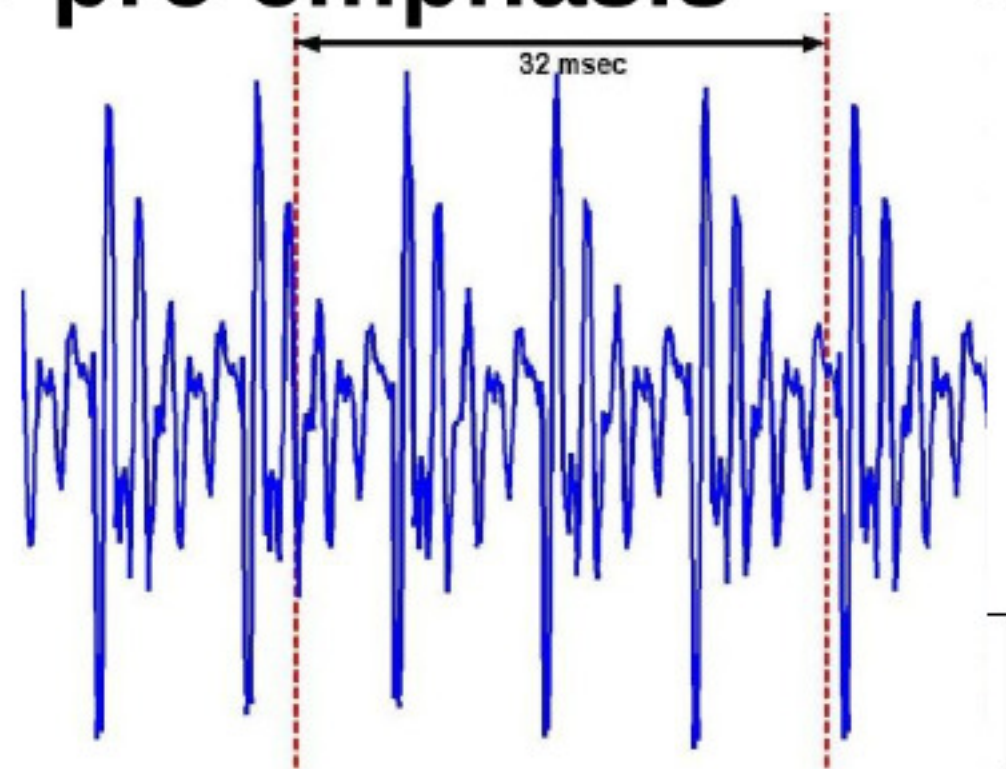


original signal



+ pre-emphasis



+ hamming window

