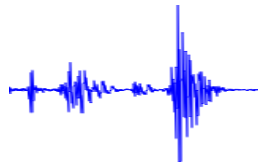
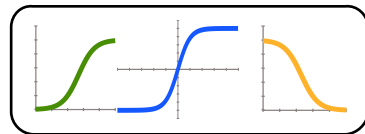


Waveform

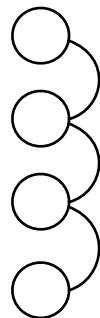


Cochlear
Filter-Bank

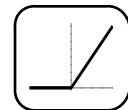
Hair cell
transduction



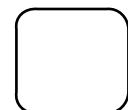
Lateral inhibitory
Network



Midbrain
Integration



Half-wave
Rectifier



Short-term
Integrator



Onset
Sharpening



Auditory
Spectrogram