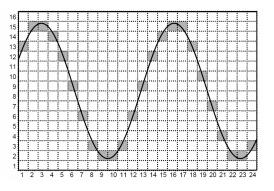


Audio Representation: Decibel

Source	Intensity	Intensity level	# Times TOH
Threshold of hearing (TOH)	10 ⁻¹²	0 dB	0
Whisper	10 ⁻¹⁰	20 dB	10
Pianissimo	10 ⁻⁹	30 dB	10 ²
Normal conversation	10 ⁻⁶	60 dB	10 ⁶
Fortissimo	10 ⁻²	100 dB	10 ¹⁰
Threshold of pain	10	130 dB	10 ¹³
Jet take-off	10 ²	140 dB	1014
Instant perforation of eardrum	10 ⁴	160 dB	10 ¹⁶

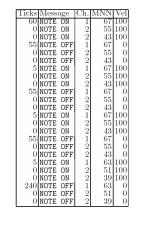
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Audio Representation: Discretization



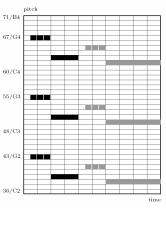
MIDI Representation





MIDI Representation: Piano Roll



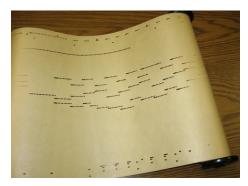


MIDI Representation: Piano Roll





MIDI Representation: Piano Roll



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