<u>Pitch vs. Frequency:</u>

Pitch = human ear's *perception* of frequency of a sound vibration

Low pitch \Leftrightarrow low frequency of vibration/oscillation High pitch \Leftrightarrow high frequency of vibration/oscillation

Q: Is the relation between {perceived} pitch *vs*. frequency <u>linear</u>? *e.g.* a straight line y = mx + b relation? A: <u>No</u>... See figure below:

Define frequency "units" associated with <u>subjective</u> pitch = <u>mels</u> \Leftrightarrow analogous to Hz.



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