











S	Summary		C. C. Marthan
P	erception	Phenomenon	
Pi	itch	Frequency (20-20 KHz)	
Lo	oudness	Intensity (90 dB)	
Ti	mbre	Spectrum (and other)	
•	Perception is roug	hly logarithmic	
• \$ f	<ul> <li>Struck objects typically exhibit characteristic frequencies with exponential decay rates</li> </ul>		
<ul> <li>Driven oscillators typically exhibit periodic signals, hence harmonic spectra</li> <li>Superposition principle applies to sounds</li> </ul>			
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