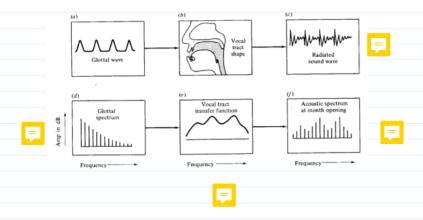
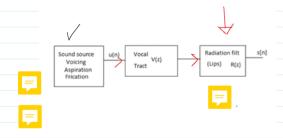
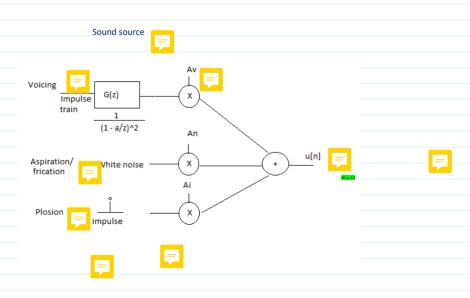
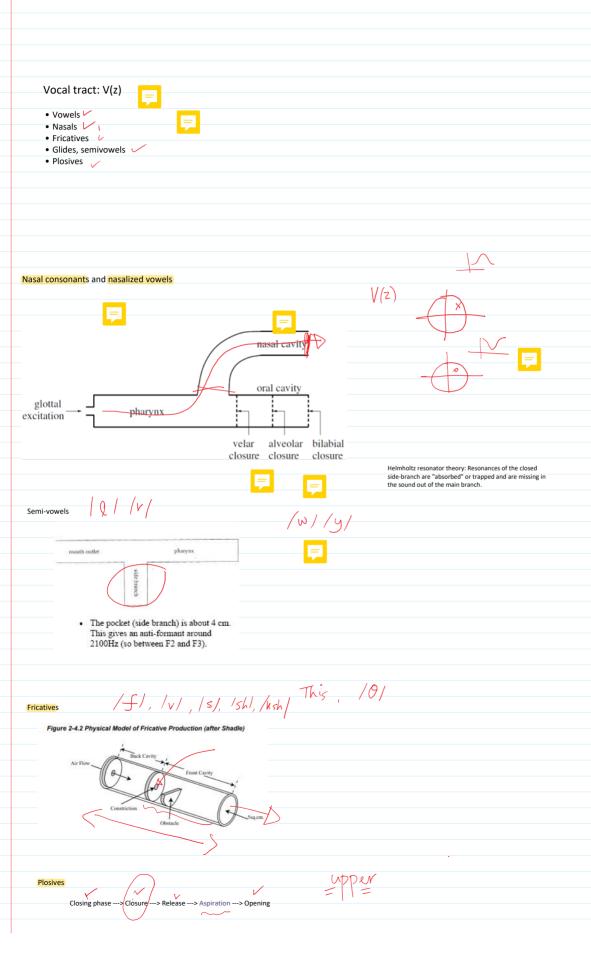
We model the speech signal as the result of a spectrally rich excitation signal that is filtered by a (time-varying or quasi-stationary) LTI system representing the vocal tract.

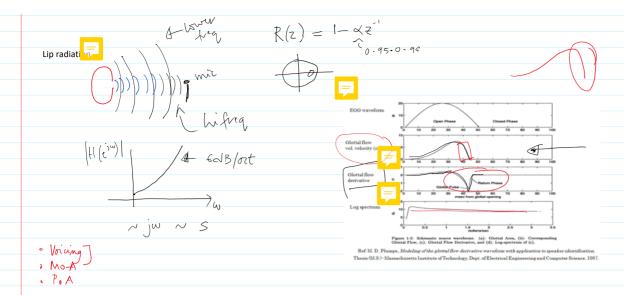


The source-filter model of speech production









/E/ /5/



Whisper

Shouting

· Singing formant funing

Class-SP-1.5-L5-L6 Pa