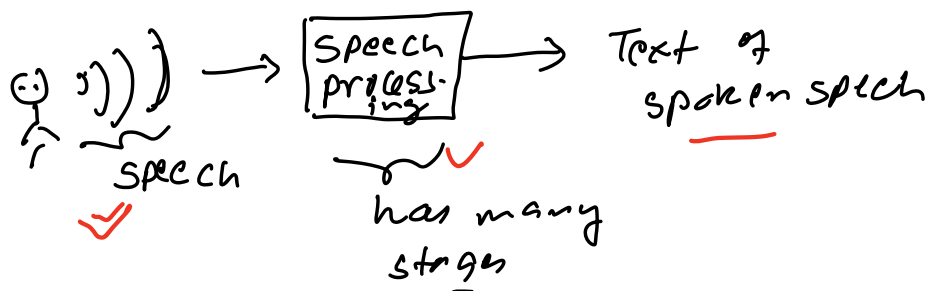


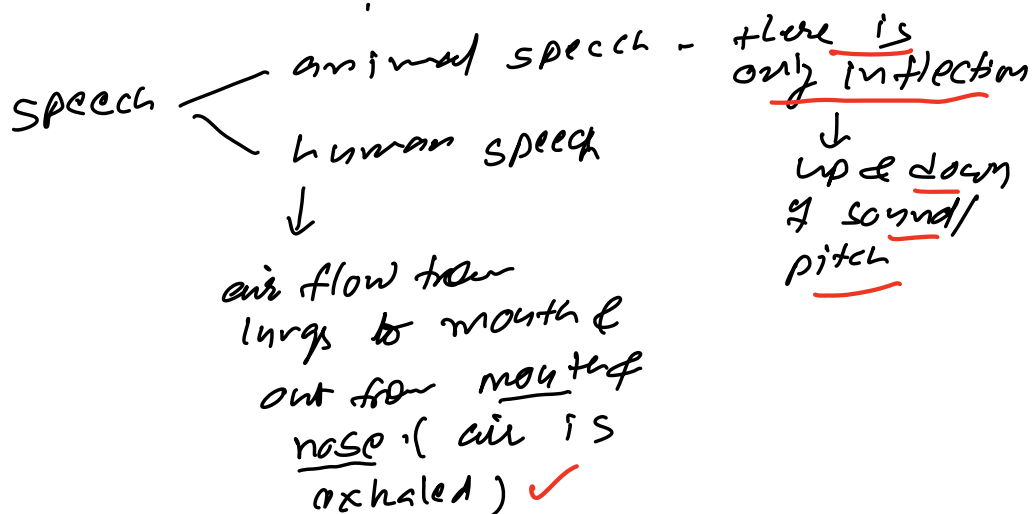
Natural language & speech processing.

Book - Zuckatsky, title: same as the subject name.

Speech processing



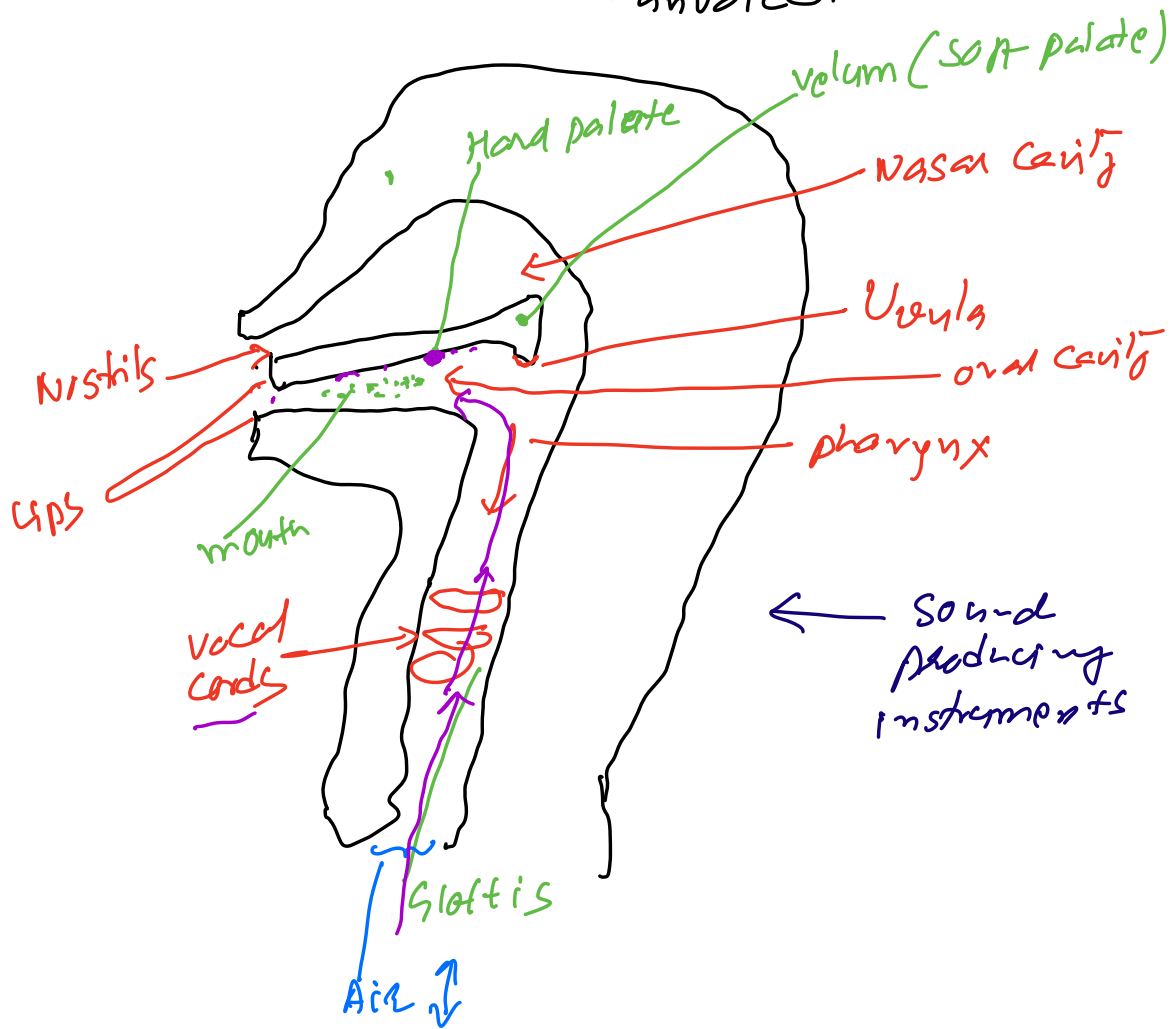
speech & its generation?



Air is exhaled from lungs, and it passes between vocal cords, and it is out through vocal tract. ✓



Speech Sound $\begin{cases} \text{voiced} \\ \text{unvoiced} \end{cases}$



- articulators - these parts of mouth which pronounce the words

→ describe individual speech sounds in terms of whether voice or unvoiced, intonation position and action of articulators in making these sounds

Unvoiced: Sound of S
is made by air passing
between raised tongue
and alveolar (upper gums)
and lips

voiced:

Other types of consonants, include
stops or plosive when the
air stream ~~is closed off~~ and
~~then released~~. E.g. Sounds of D & T.