

HS 133: Introduction to Phonetics

Instructor: Priyankoo Sarmah

Phonetics?

Systematic study of human speech sounds

Human Speech Sounds?

About 6912 languages

About 150 consonants and 30 vowels

Human Speech Sounds

Where/ How are they produced?

How do they look like?

How do we hear them?

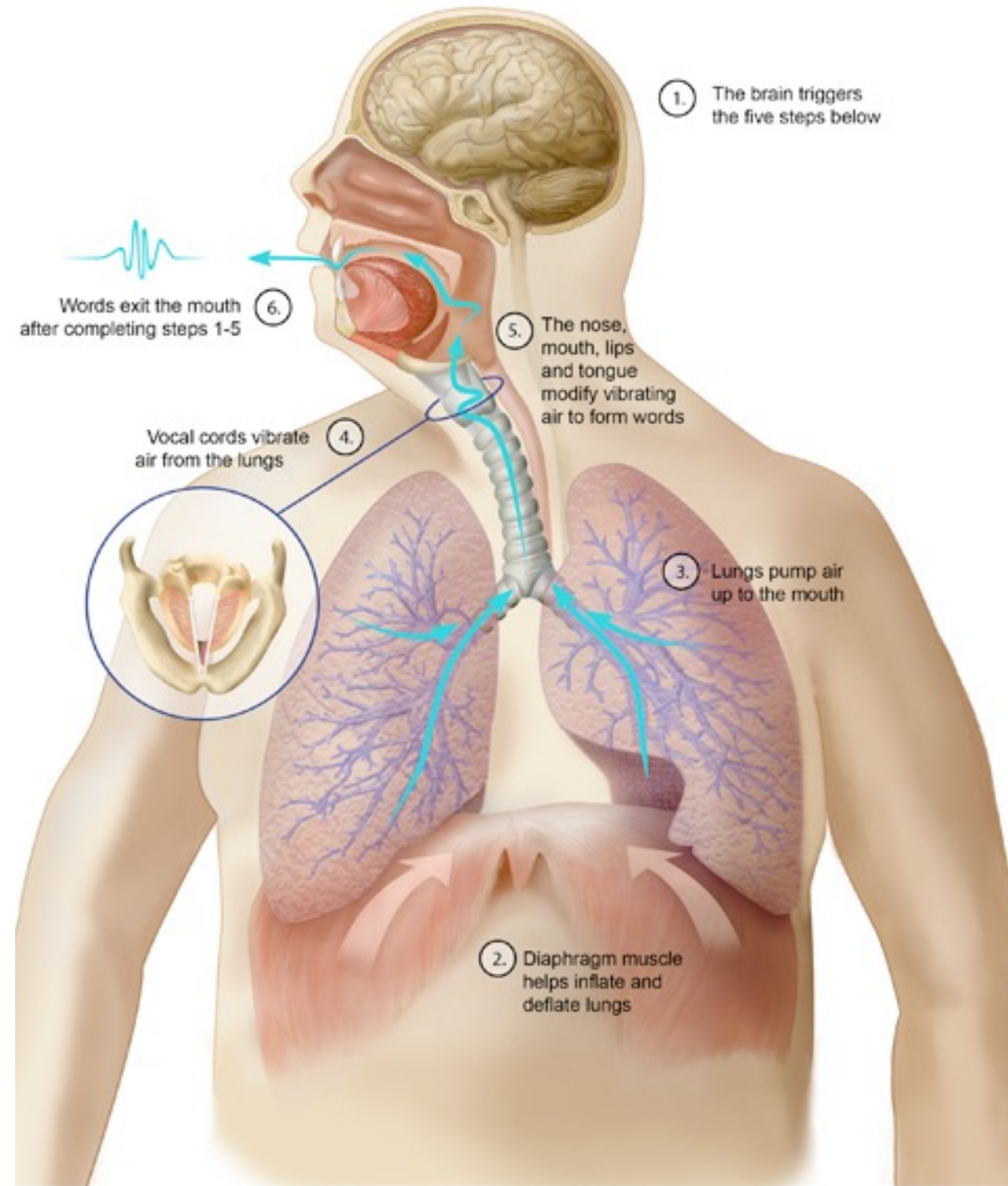
Phonetics

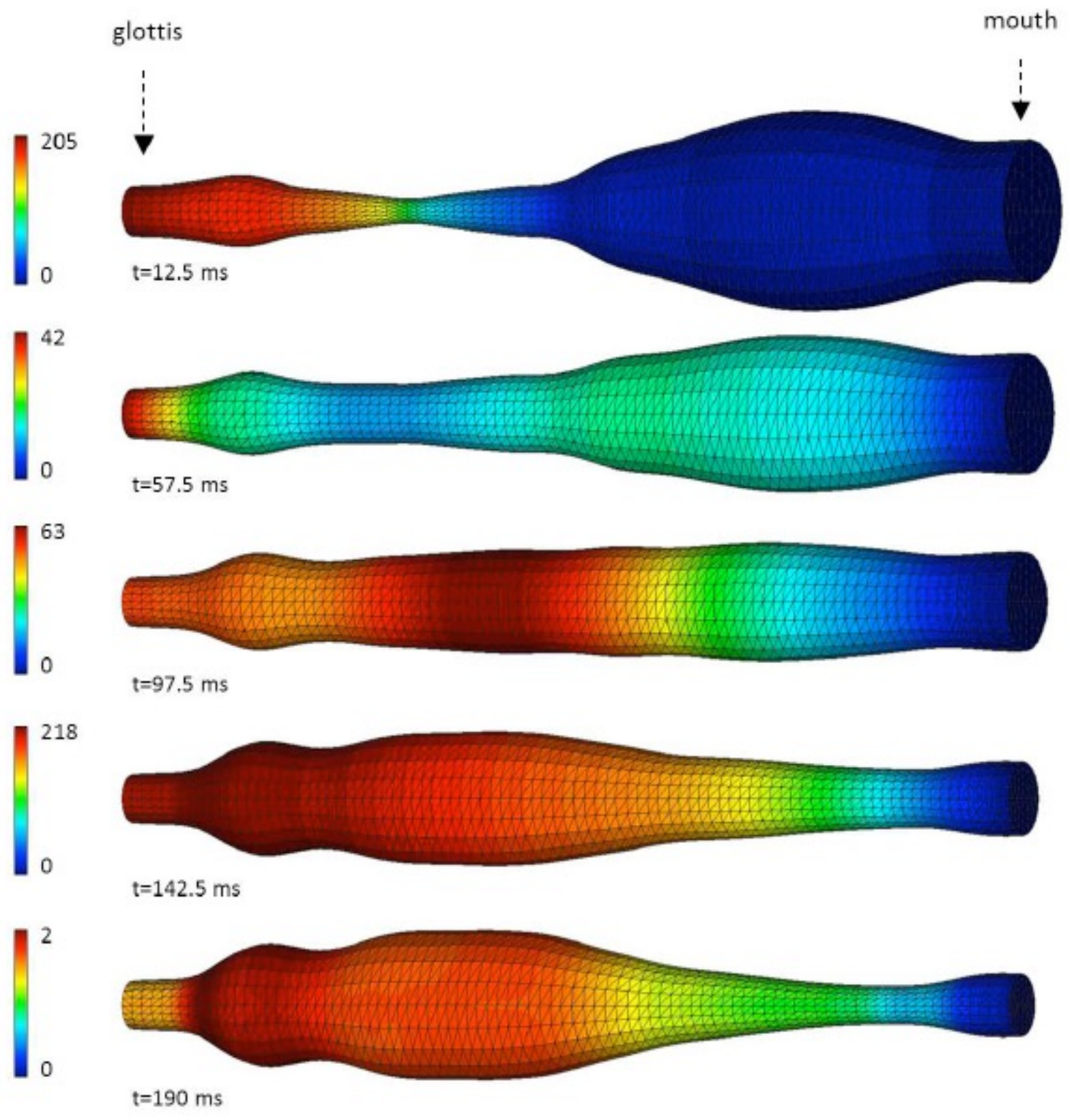
Articulatory phonetics

Acoustic phonetics

Auditory phonetics

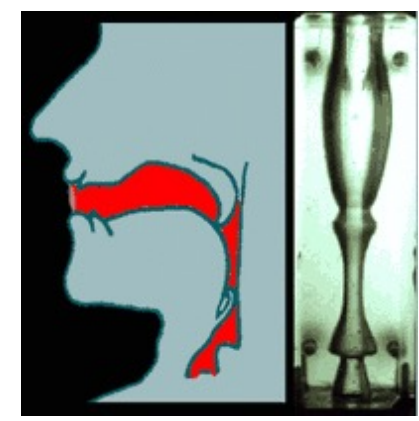
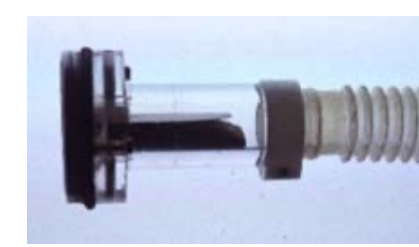
Articulatory phonetics



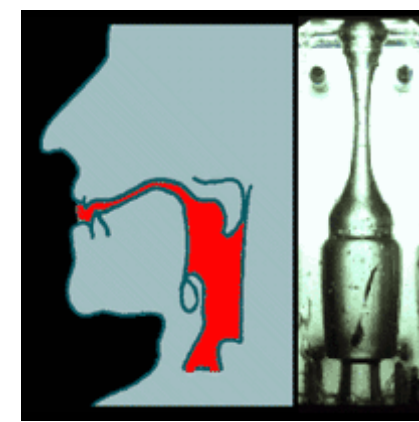


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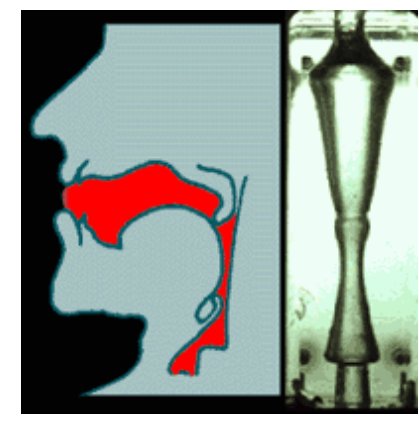
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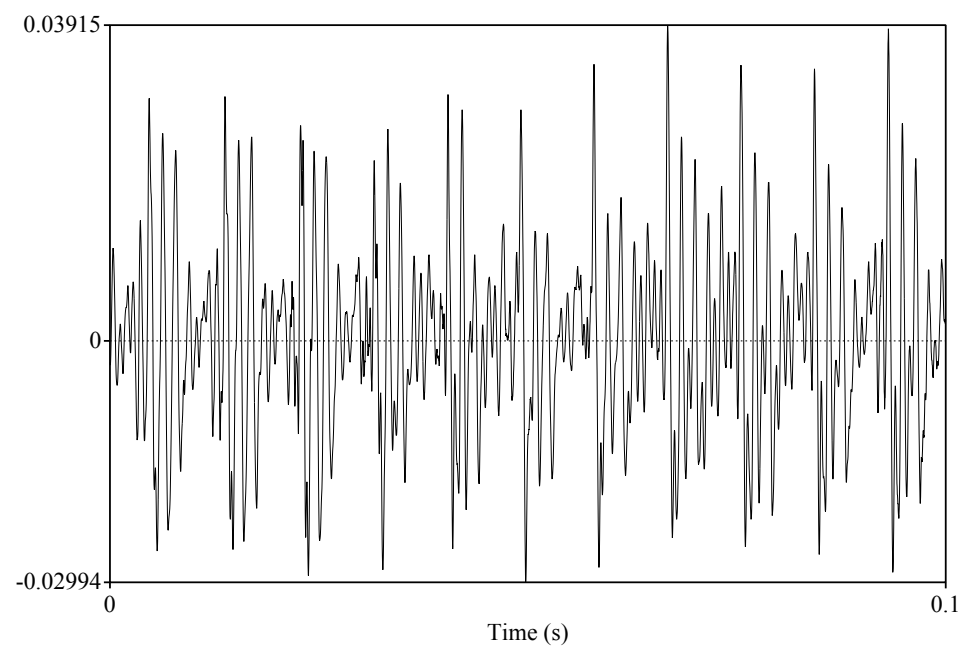


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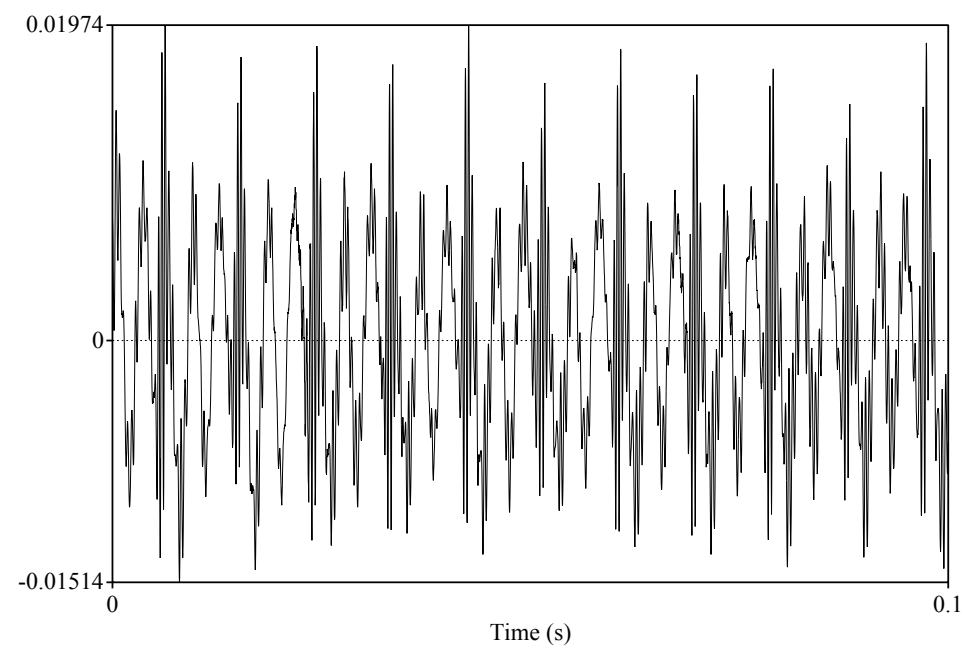


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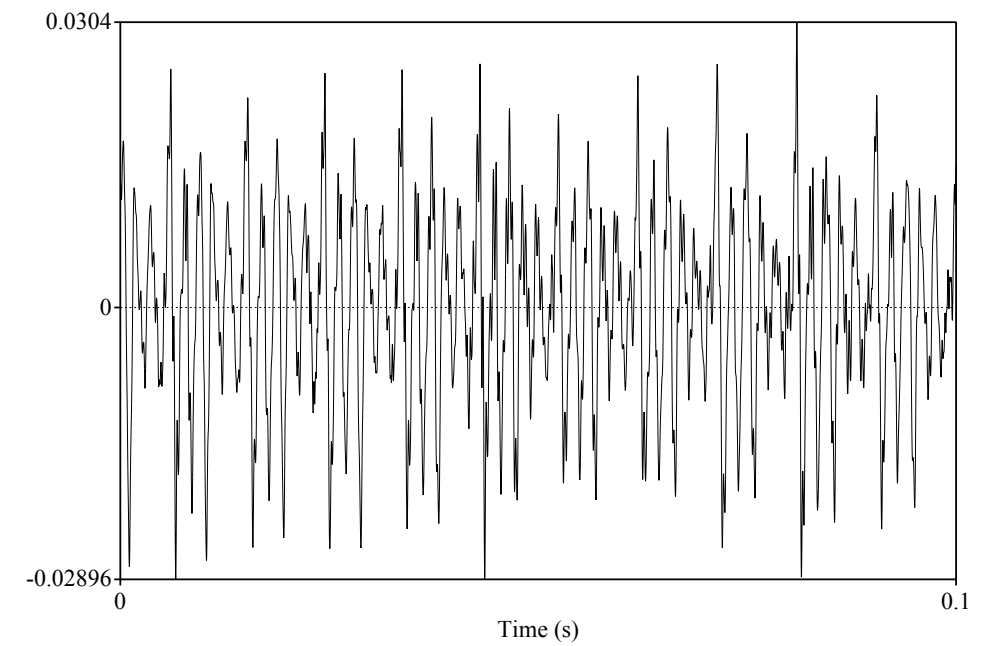
Acoustic Phonetics



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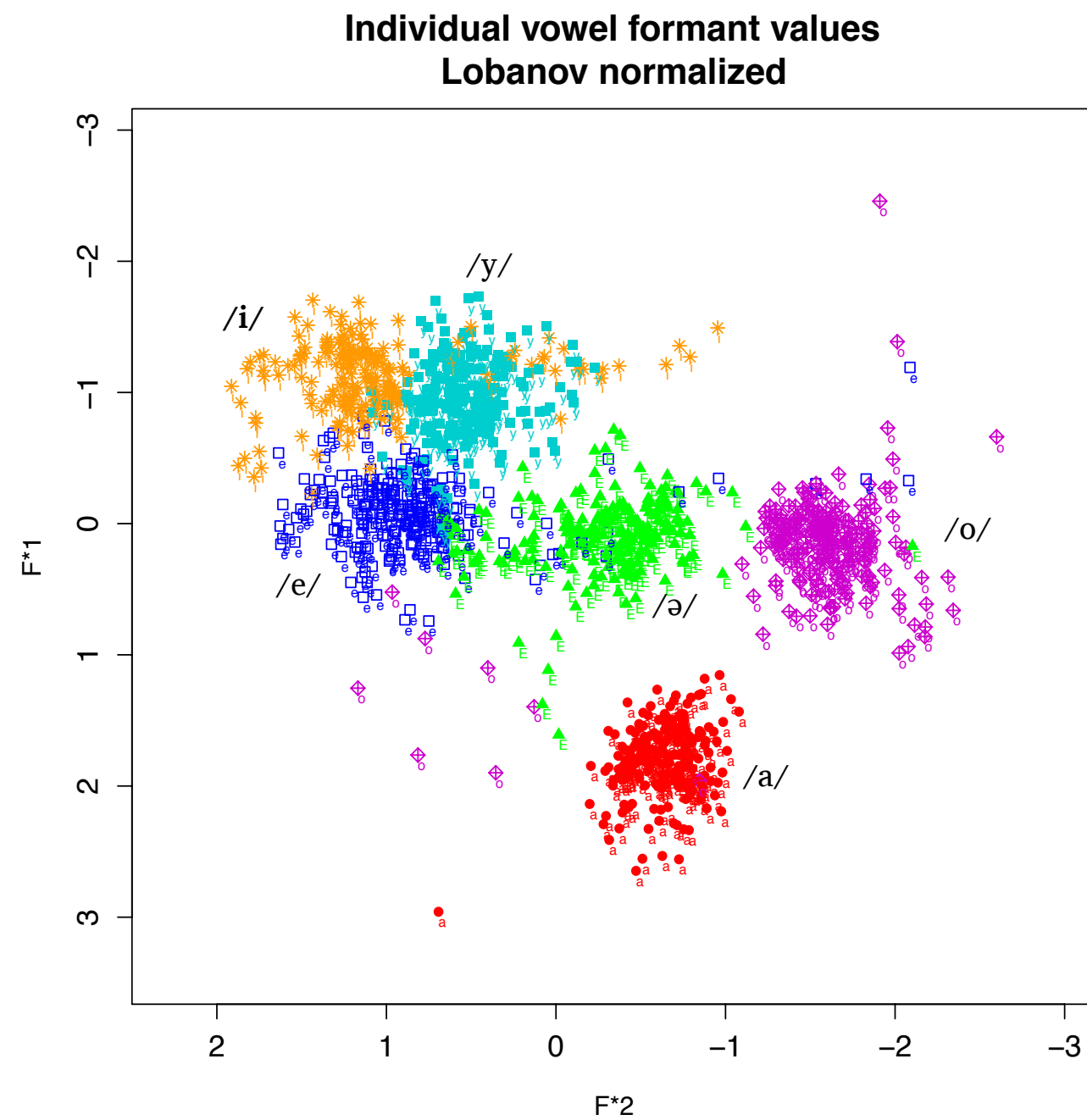


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Acoustic Phonetics



Languages and Writing Systems

- 国 `guo`
- संस्कार, संबंध
- Cut, put, hour, psycho

Languages and Writing Systems

- 国 `guo' /guo/
- संस्कार, संबंध /sənska:r/, /səmbənd^h/
- Cut, put, hour, psycho /kʌt/, /pʊt/, /aʊɜ̃/, /saiko/

Languages and Writing Systems

- No one to one correspondence between written and spoken forms
- Special notation required to represent sounds i.e. /sənska:r/
- This special representation is International Phonetic Alphabet (IPA)
- Supposed to represent sounds of all languages

Grading

Quizzes (3): 25%

Mid term exam: 30%

Final exam: 45%

Grades: Relative to the highest

Class notes

All slides will be available on Moodle

Opportunities

- Working with us on our projects

Contact

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