English Phonetics and Phonology

Lecture 3 The Speech Chain

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T. Kamiyama Phonetics and Phonology Lecture 3 Speech Chain

The Speech Chain

Peter B. Denes & Elliot N. Pinson (1963/1971)

The Speech Chain: The Physics and Biology of Spoken Language

Phonetics and Phonology Lecture 3 Speech Chain

Phonetics and phonology: in the structuralist tradition

 Phonetics deals with concrete physical realizations of speech sounds (articulatory, acoustic, and perceptual characteristics). Phonology deals
 with the sound
 system of
 languages: how
 phonemes function,
 how they are used in
 a given language.

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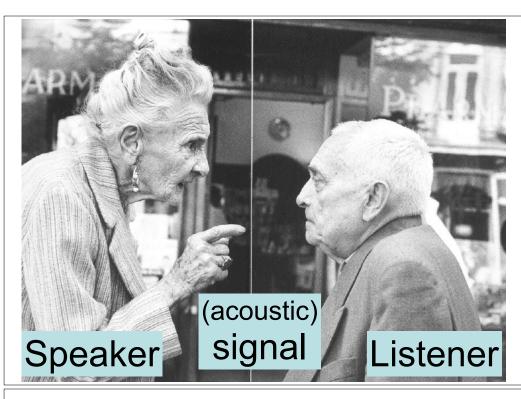
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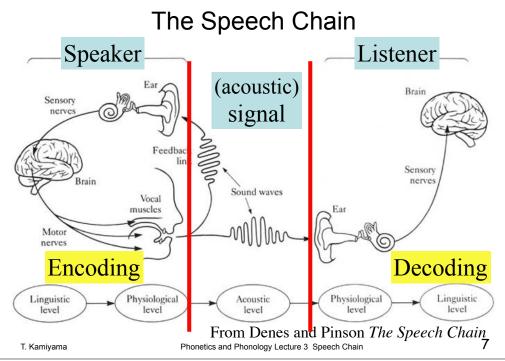
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The Speech Chain

 What are the necessary conditions for speech communication to take place?

1





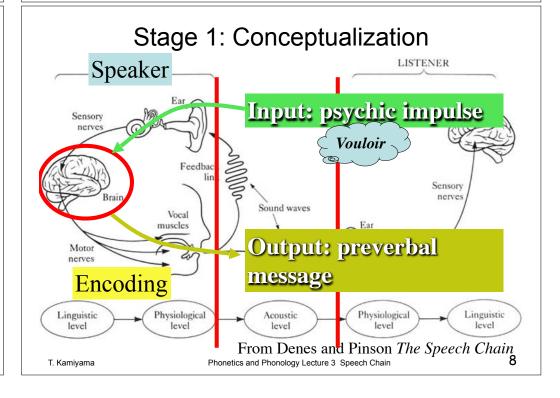
Then, three conditions ...

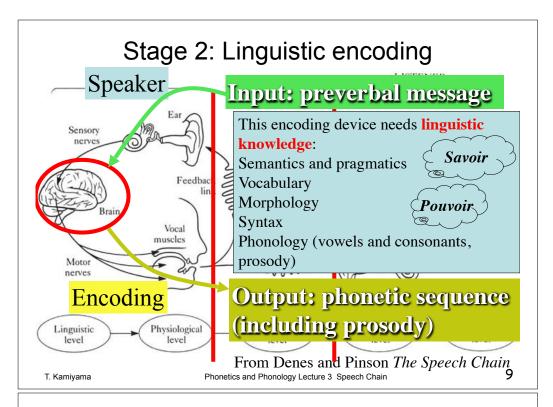
- Savoir (+ savoir-faire)
- Pouvoir
- Vouloir

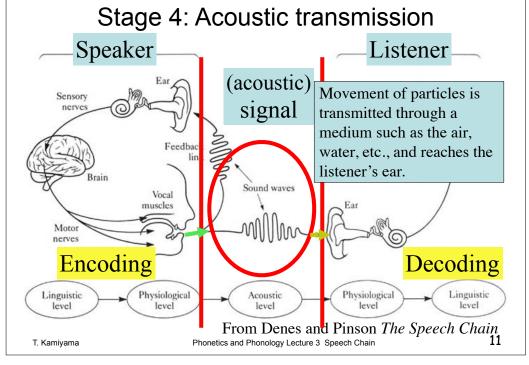
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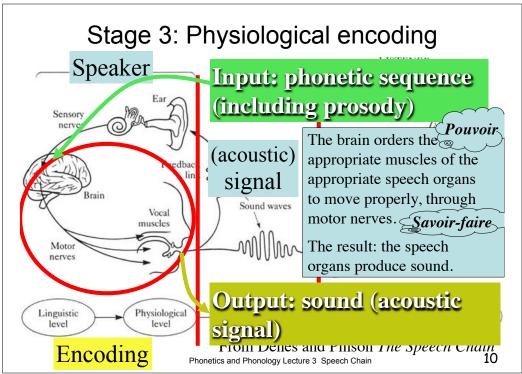
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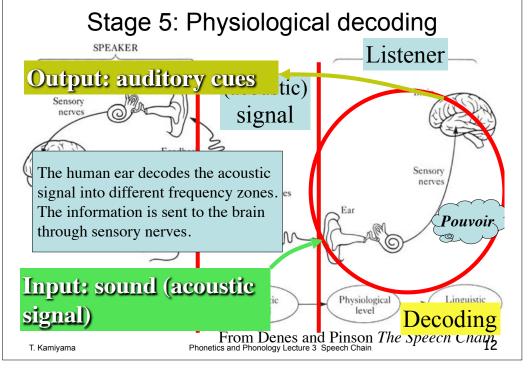
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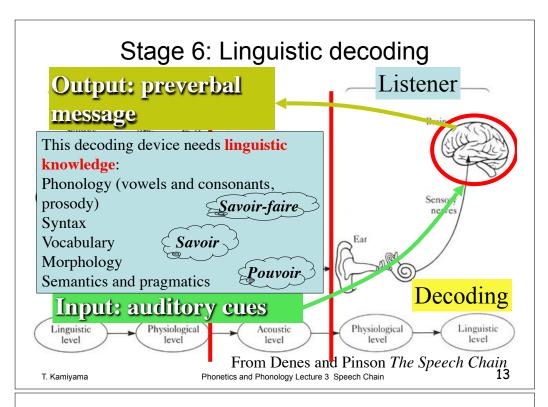


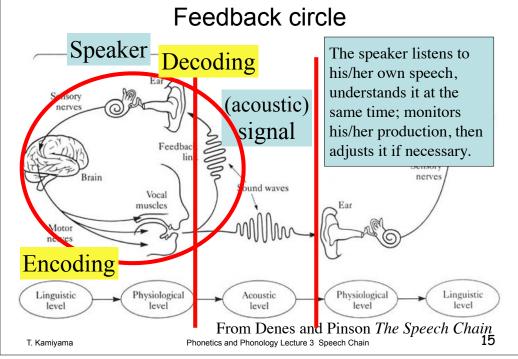


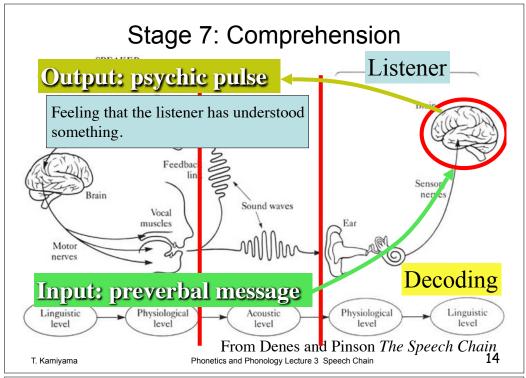












Delayed Auditory Feedback

- The feedback circle may be disturbed by delayed feedback. Demonstration :
- https://stutterbox.co.uk/

16