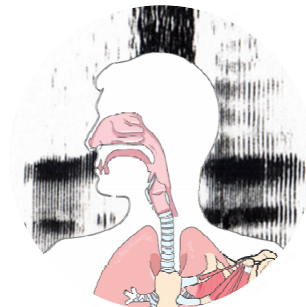


Phonetic Transcription

Motivations for Phonetic Transcription

[fɒnɛtɪk tʰrænskɪpʃən] (phonetic transcription)

- Isolating speech sounds for study.
- Representing speech sounds consistently.

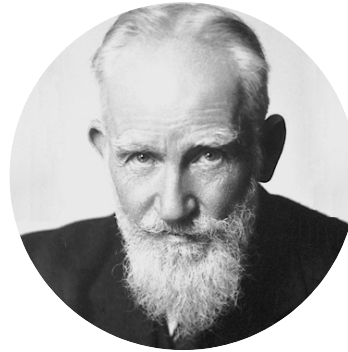


Body: LifeArt Super Anatomy Collections 1-9. Williams & Wilkins 1998; Waveform: Randy Harris

What About Spelling?

Transcribing Sounds

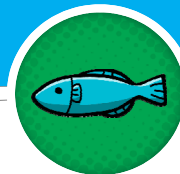
ghoti



George Bernard Shaw

Shaw: Nobel Foundation/Wikimedia Commons/Public Domain

What About Spelling?



Transcribing Sounds

English spelling? nope.

George Bernard Shaw

ghoti

tough
↓
women
↓
association

IPA System (international phonetic alphabet)

[fɪʃ]

tough
↓
women
↓
association

Shaw: Nobel Foundation/Wikimedia Commons/Public Domain; Fish: wenchiaawang/iStock/Thinkstock; Hand: Noedelhap/iStock/Thinkstock

What About Spelling?

- I take it you already know
- Of tough and bough and cough and dough?
- Others may stumble but not you,
- On hiccough, thorough, laugh and through?
- Well done! And now you wish, perhaps,
- To learn of less familiar traps?

- Beware of heard, a dreadful word
- That looks like beard and sounds like bird,
- And dead; it's said like bed, not bead –
- For goodness sake don't call it 'deed'!
- Watch out for meat and great and threat
(They rhyme with suite and straight and debt.)

Text: Attributed to T.S. Watt (1954) *The Guardian*.

What About Spelling?

- A moth is not a moth in mother
- Nor both in bother, nor broth in brother,
- And here is not a match for there
- Nor dear and fear for bear and pear
- And then there's dose and rose and lose –
- Just look them up – and goose and choose.

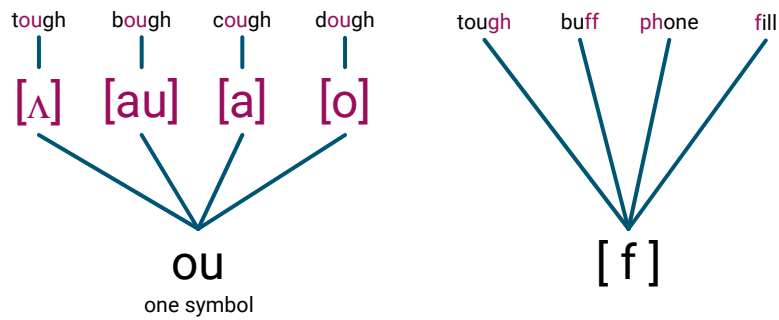
- And cork and work and card and ward,
- And font and front and word and sword,
- And do and go and thwart and cart –
- Come, come, I've hardly made a start!
- A dreadful language? Man alive!
I'd mastered it when I was five.

Text: Attributed to T.S. Watt (1954) *The Guardian*.

What About Spelling?

Several problems with spelling:

- One/many problem
- Many/one problem
- We need a phonetic transcription system



Hand: Noedelhap/iStock/Thinkstock

What About Spelling?

Several problems with spelling:

- One/many problem
- Many/one problem
- We need a phonetic transcription system.

A one-to-one map:



The Detail Problem

pan



[p^hæⁿ]

Pan: wenchiaawang/iStock/Thinkstock; Hand: Noedelhap/iStock/Thinkstock