

Not Enough Time!

- Response to an utterance is fast: a few hundred milliseconds.
 - But neuron response time is about ten milliseconds: only a few tens of neuron times.
- Thus the computational depth is very small!
- There is not enough time for
 - a recursive rule system
 - signal processing
 - morphophonology
 - syntax
 - articulator control
- Not enough time for linguistics!

We need a new computational model.