LaTeX assignment

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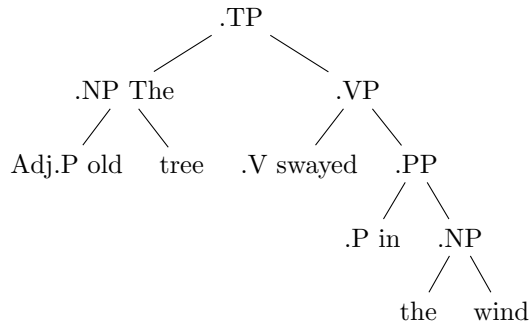
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1 Section 1

My favorite topics in linguistics:

- Semantics
- Phonology
- Morphology

2 Section 2

maj nem z kldi aj lajv n gdænsk ‖ aj hæv twnti fajv jrz old | aj wrk n dmp sti t z e træmplin park ‖ aj lajk kantækt wð awr gsts | aj lv maj ko wrkrz ðe ar friki aj lv bks ðæt ar rtn baj stivn kŋ|

3 Section 3

4 Section 4

/l/ Dentalization

$$\begin{bmatrix} l \end{bmatrix} \rightarrow [\c{l}] / \_\theta$$

Tapping

$$\left[\begin{array}{c} t \end{array}\right] \rightarrow [\text{ɾ}] \; / \; \left[\begin{array}{c} +\text{vowel} \end{array}\right]\_\left[\begin{array}{c} +\text{vowel} \\ -\text{stress} \end{array}\right]$$

/d/ Spirantization

$$\left[\begin{array}{c} d \end{array}\right] \rightarrow [\text{ð̞}] \; / \; \left[\begin{array}{c} +\text{vowel} \end{array}\right]\_$$

5 Section 5

$$\delta(X) = p(\alpha_0) \neq p(\alpha_0) + p(\alpha\beta) = \delta(X \cap L) + \delta(X \backslash L)$$