LaTex Homework

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1 English IPA transcription

maɪ neɪm ɪz ada ænd aɪ æm ə stjuːdənt ɒv nætʃrəl læŋgwɪdʒ prəʊsɛsɪŋ. aɪ æm ɪntrɪstɪd ɪn trævlɪŋ ænd fæʃən. maɪ feɪvərɪt kʌlər ɪz griːn. aɪ æm vɛri səʊʃəbl ænd aɪ laɪk spɛndɪŋ taɪm wɪθ maɪ frɛndz aːftə klaːsɪz. aɪ ɒfən wɒtʃ kʊkɪŋ tʃænlz ænd præktɪs kʊkɪŋ æt həʊm.
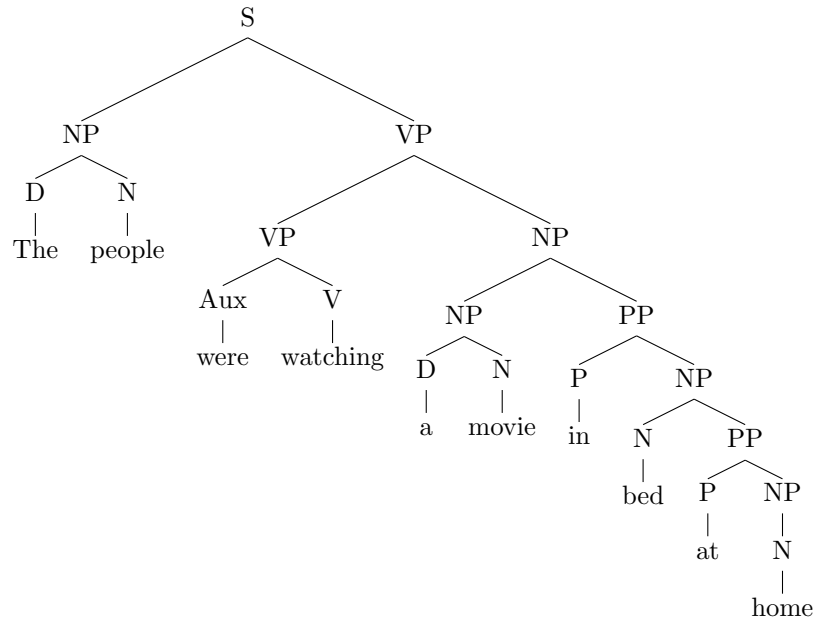
2 Polish IPA transcription

mam na imʲɛw̃ ada i jɛstɛm studɛntkɔ̃w̃ pʂɛtfazaɲa jɛ̃w̃zika naturalnɛɔ. intɛrɛsujɛw̃ ɕɛw̃ pɔdruʐami i mɔdɔ̃w̃. jɛstɛm bardzɔtɔvaʑiska i lubʲɛw̃ spɔtɨkatɕɕɛw̃ s pʂijatɕuwmi pɔzajɛɲtɕax. ʈʂɛ̃w̃stɔɔlɔndam prɔramɨkulinarnɛi tɕefiʈʂɛw̃ ɔtɔvaɲɛv dɔmu.

3 My favourite topics in linguistics:

1. Theories of Communication

2. Linguistic Tools of Manipulation

3. Sentiment Analysis

4. Semantics

5. Phonetics

6. Phonology

4   Syntactic tree

S

NP   VP

D   N   VP   NP

The   people   Aux   V   NP   PP

were watching   D   N   P   NP

a   movie   in   N   PP

bed   P   NP

at   N

home

5   Chosen phonological rules from Hayes

$\left[\ +\ \text{vowel}\ \right]\ \rightarrow\ \left[\ +\ \text{nasal}\ \right]\ /\ []\ \_\left[\ +\ \text{nasal}\ \right]$

$\left[\ /t/\ \right]\ \rightarrow\ [\text{r}]\ /\ \left[\ +\ \text{vowel}\ \right]\ \_\begin{bmatrix} +\ \text{vowel} \\ -\ \text{stress} \end{bmatrix}$

$\left[\ +\ \text{stop}\ \right]\ \rightarrow\ \left[\ +\ \text{voice}\ \right]\ /\ \left[\ +\ \text{nasal}\ \right]\ \_$

6   I hate math

$x = \frac{1+y}{1+2z^2}$