

# LaTeX Project

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## 1 Section 1

My interests:

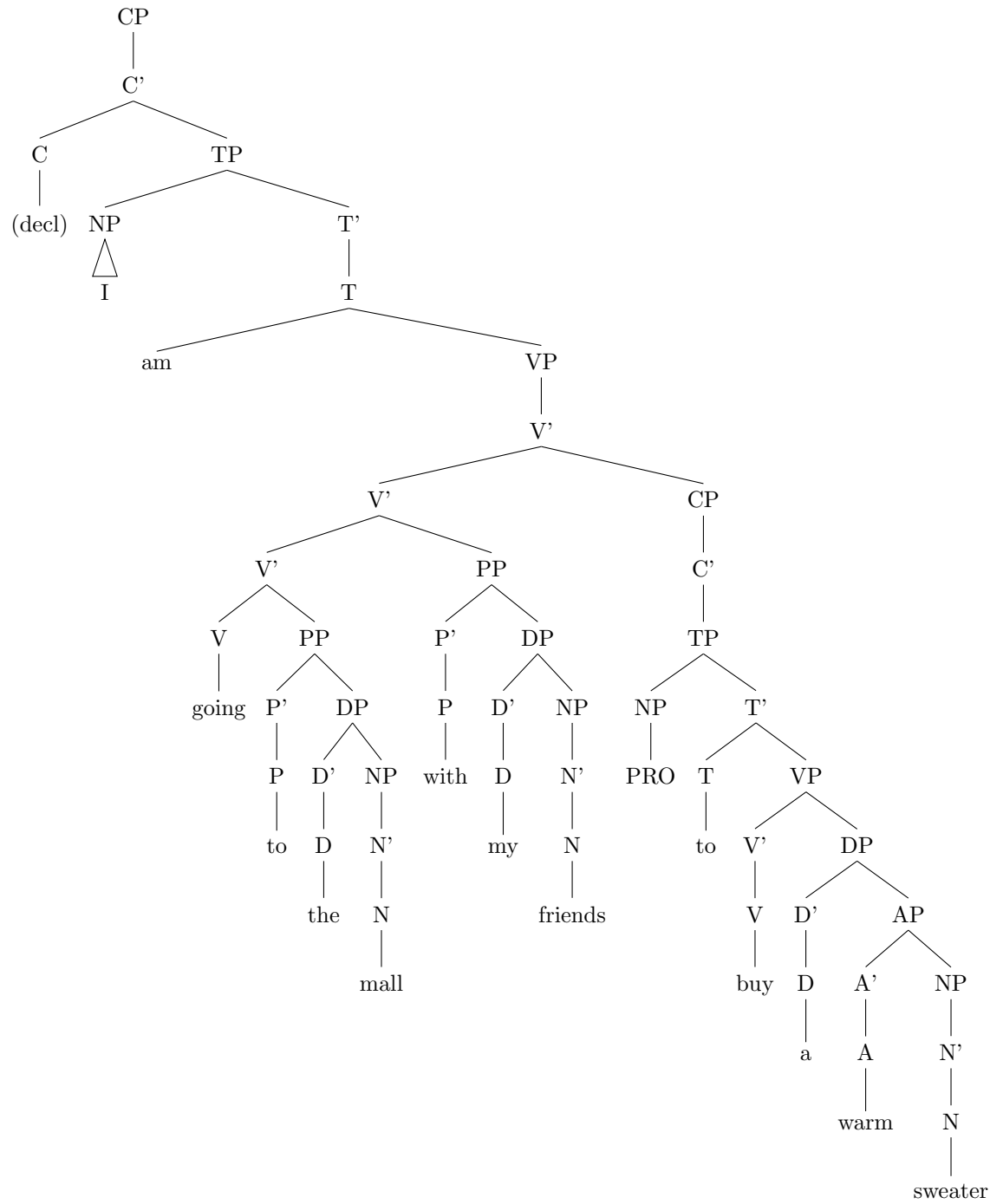
1. the origin of language
2. phonology
3. phonetics
4. grammar
5. syntax
6. phonotactics
7. wordbuilding
8. programming
9. semantics

## 2 Section 2

/ˈmaɪ ˈneɪm ɪz ˈkɪŋɡə ˈaɪ ˈæm ə ˈstjuːdnt ət ðə juːnɪˈvɜːsəti ɒv ˈɡdansk ˈmaɪ ˈɪntərəsts mɪˈkluːd ɪŋ ˈɡwɪstɪks, ɪˈspeʃəli fənɒlədʒi ænd ˈɡræmə ˈbət ˈɔːlsəʊ ˈbrɪdʒɪŋ ɒv ˈlæŋɡwɪdʒ ænd ˈprəʊɡræmɪŋ/

ˈmam na ˈimje ˈkɪŋɡa ˈjestem stuˈdɛntkɔ̃ unvɛrsɪˈtɛtu ɡdɔɲˈsɛɡɔ ˈdɔ ˈmɔix zɪɪntɛrɛˈsɔvɔɲ zɪˈlɪtʂa ɕɛ̃ jɛ̃zɪkɔˈznɔstfɔ | a ˈzvɔʂtʂa fɔnɔˈlɔɡja i ɡramaˈtɪka | ˈjak ˈruvɲɛʂ pɔxɔˈdʒɛɲɛ jɛɲˈzɪka ɔrɔʂ ˈprɔɡrɔmɔˈvɔɲɛ ˈ

### 3 Section 3



## 4 Section 4

/l/ Dentalization:

$$[ \text{ l } ] \rightarrow [ \underset{\text{A}}{\text{l}} ] / \_ \theta$$

/k/ Spirantization:

$$[ \text{ k } ] \rightarrow [ \text{ ʁ } ] / [ \text{ +vowel } ] \_ [ \text{ +vowel } ]$$

Spirantization:

$$\left[ \begin{array}{c} \text{+stop} \\ \text{-voice} \end{array} \right] \rightarrow \left[ \begin{array}{c} \text{+voice} \\ \text{-stop} \\ \text{+fricative} \end{array} \right] / [ \text{ +vowel } ] \_ [ \text{ +vowel } ]$$

## 5 Section 5

$$\lim_{x \rightarrow 0} \frac{e^x - 1}{2x} \left[ \begin{array}{c} 0 \\ 0 \end{array} \right] \text{H} = \lim_{x \rightarrow 0} \frac{e^x}{2} = \frac{1}{2}$$