Semantic Theory 2014 – Exercise Sheet 7

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Exercises are due on Tuesday, June 17, 10:15 a.m.

7.1   Cooper Storage: Complex NPs

(a) Apply the *Revised* Quantifier Storage rules from Tuesday's slides to derive the semantic representations for the following sentence:

> *[Every [book [of [a professor]]]] is exciting*

Assume (as in exercise 6.2) that *is-exciting* is a type $\langle e,t \rangle$ lexical expression under a VP node, translating to is-exciting' (or something shorter), and that the preposition *of* translates to $\lambda Q \lambda F \lambda z[Q(\lambda x[\text{of*}(x)(z) \wedge F(z)])] \in \text{WE}_{\langle \langle et, t \rangle, \langle et, et \rangle \rangle}$.

There are two (and this time correct) sentence representations.