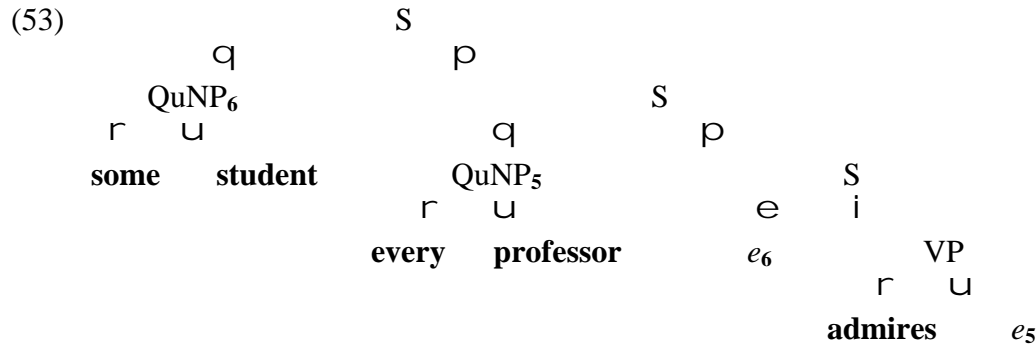


Cont'd from Quantification h/o

(51) Some student admires every professor.



SEMANTIC COMPUTATION:

...
 $[[\text{admires } e_5]]^{w,g} = \{ z: z \text{ admires } g(\mathbf{5}) \text{ in } w \}$ (from page 53)

$[[e_6 \text{ admires } e_5]]^{w,g} = 1$ iff $[[e_6]]^{w,g} \in [[\text{admires } e_5]]^{w,g}$
 iff $g(\mathbf{6}) \in \{ z: z \text{ admires } g(\mathbf{5}) \text{ in } w \}$
 iff $g(\mathbf{6}) \text{ admires } g(\mathbf{5}) \text{ in } w$

$[[[\text{every professor}]_5 e_6 \text{ admires } e_5]]^{w,g} = 1$
 iff $[[\text{professor}]]^{w,g} \subseteq \{ x: [[e_6 \text{ admires } e_5]]^{w,gx/5} = 1 \}$
 iff $\{ x: x \text{ is a prof in } w \} \subseteq \{ x: g^{x/5}(\mathbf{6}) \text{ admires } g^{x/5}(\mathbf{5}) \text{ in } w \}$
 iff $\{ x: x \text{ is a prof in } w \} \subseteq \{ x: g^{x/5}(\mathbf{6}) \text{ admires } \underline{x} \text{ in } w \}$

$[[[\text{some student}]_6 [\text{every professor}]_5 e_6 \text{ admires } e_5]]^{w,g} = 1$
 iff $[[\text{student}]]^{w,g} \cap \{ y: [[[\text{every professor}]_5 e_6 \text{ admires } e_5]]^{w,gy/6} = 1 \} \neq \emptyset$
 iff $\{ y: y \text{ is a student in } w \} \cap \{ y: \{ x: x \text{ is a prof in } w \} \subseteq \{ x: g^{y/6x/5}(\mathbf{6}) \text{ admires } x \text{ in } w \} \} \neq \emptyset$
 iff $\{ y: y \text{ is a student in } w \} \cap \{ y: \{ x: x \text{ is a prof in } w \} \subseteq \{ x: \underline{y} \text{ admires } x \text{ in } w \} \} \neq \emptyset$