F19 Exercise

Course in Semantics · Ling 531 / 731

McKenzie · University of Kansas

1. Distinguish a variable from a constant.

2. Explain why we need to split the TN rule into LT and PR.

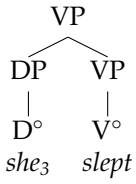
3. Given the following assignment, fill in the chart.

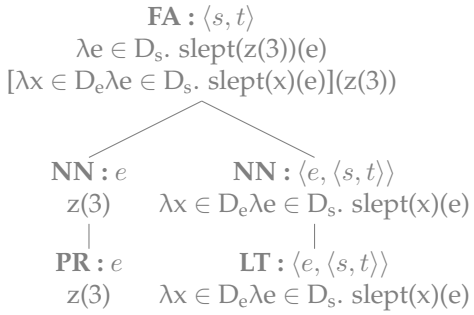
$$r = \begin{bmatrix} 2 & \rightarrow & \text{Gene} \\ 3 & \rightarrow & \text{Barry} \\ 163 & \rightarrow & \text{Ellen} \\ 75 & \rightarrow & \text{Roberto} \end{bmatrix}$$

denotation	value	extension
$[\![x_2]\!]^r$	r(2)	Gene
$[\![x_{163}]\!]^r$		
	r(75)	
		Barry

4. Compose the following phrase structures. Assume assignment z.

1.





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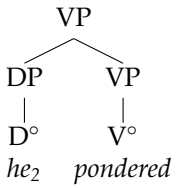

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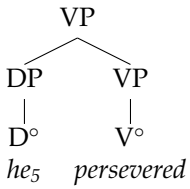

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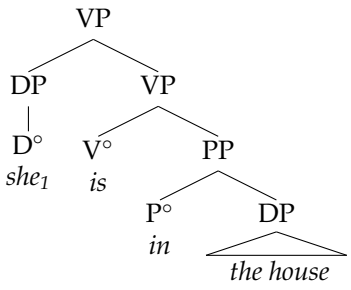
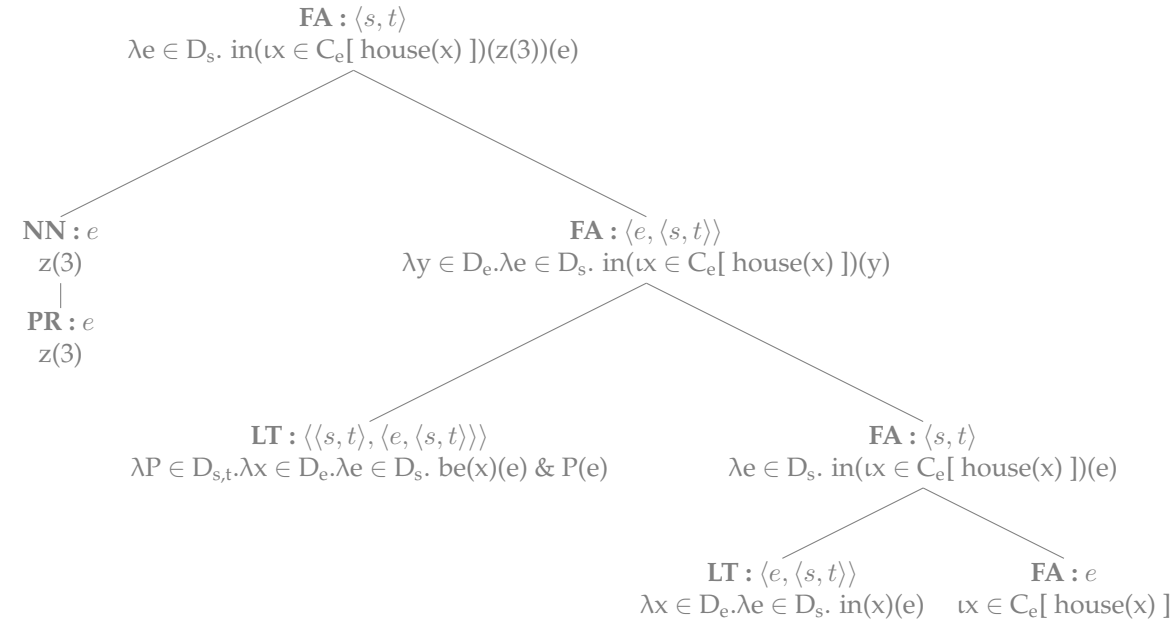


Assume that *in* is of type $\langle e, \langle s, t\rangle\rangle$; given event e and place x, it equals 1 if and only if e takes place in x. Further assume that $[\![\ is\ ]\!]$ combines with this property of events to give a new relation.



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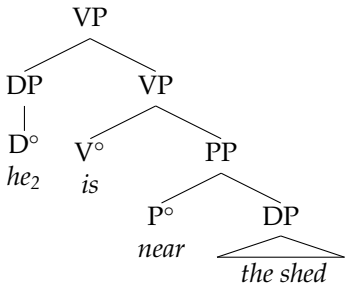
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PP
P°
near
DP
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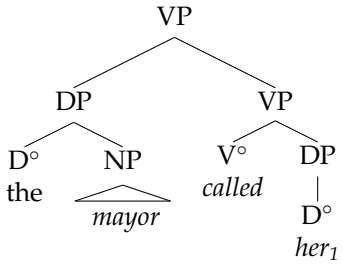
6.


VP
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NP
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D°
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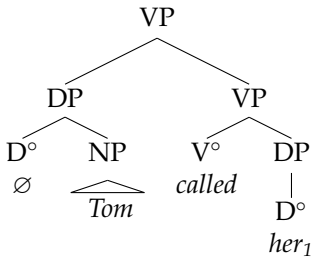
7.


VP
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8.