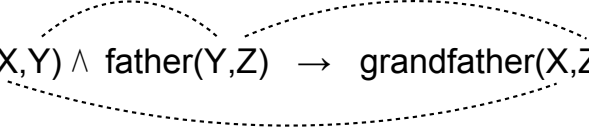


$\text{father}(X,Y) \wedge \text{father}(Y,Z) \rightarrow \text{grandfather}(X,Z)$



$\text{append } H \mid T \text{ to } L \text{ gives } H \mid L_2 \leftarrow \text{append } T \text{ to } L \text{ gives } L_2$

