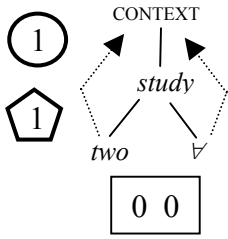


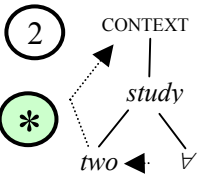
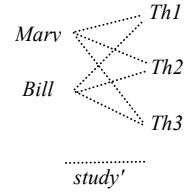
THE TWO INTERPRETATIONS OF THE SENTENCE

Two students studied all theorems



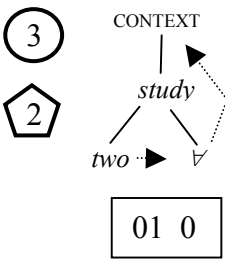
There are two students (Mary and Bill) each of which studied all the (relevant) theorems (Th1, Th2 and Th3).

$$\begin{aligned} &\exists_{x_1} \exists_{x_2} \\ &[x_1 \neq x_2 \wedge \\ &\forall_x [(x=x_1 \vee x=x_2) \rightarrow \text{student}'(x)] \wedge \\ &\forall_x \forall_y [(x=x_1 \vee x=x_2) \wedge \text{theorem}'(y) \rightarrow \text{study}'(x,y)] \end{aligned}$$



Conflates in 1.

$$\boxed{0 \ 0}$$



For each of the (relevant) theorems there are two students, possibly different, who study it.

$$\begin{aligned} &\forall_y [\text{theorem}'(y) \rightarrow \\ &\exists_{x_1} \exists_{x_2} [x_1 \neq x_2 \wedge \\ &\forall_x [(x=x_1 \vee x=x_2) \rightarrow \text{student}'(x)] \wedge \\ &\forall_x [(x=x_1 \vee x=x_2) \rightarrow \text{study}'(x, y)]] \end{aligned}$$

