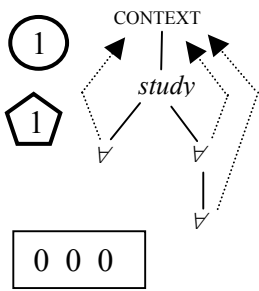


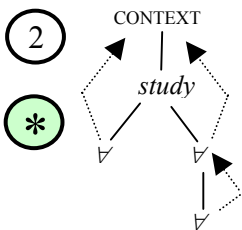
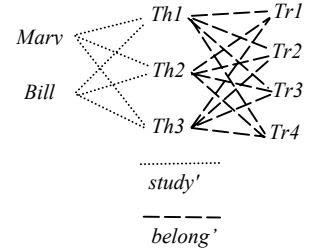
## THE TWO INTERPRETATIONS OF THE SENTENCE

### *All students studied all theorems of all theories*



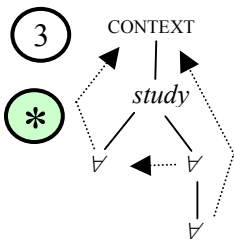
There are two students (Mary and Bill) each of which studied all theorems that belong to all (relevant) theories (Tr1, Tr2, Tr3, Tr4).

$$\forall_x \forall_y [(student'(x) \wedge theorem'(y) \wedge \forall_z [theory'(z) \rightarrow belong'(y, z)]) \rightarrow study'(x,y)]$$



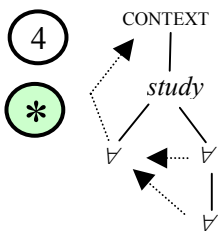
Conflates in 1.

0 0 01



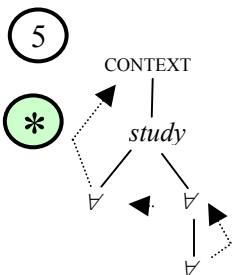
Conflates in 1.

0 00 0



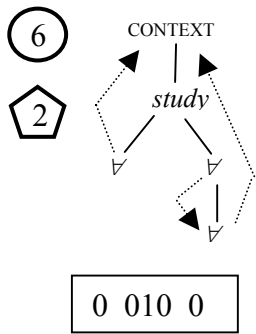
Conflates in 1.

0 00 00



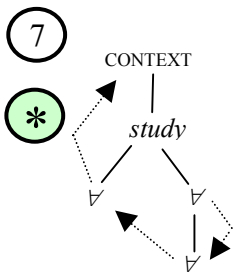
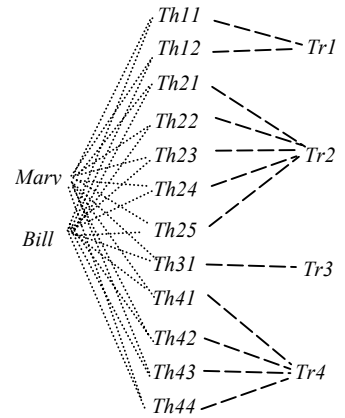
Conflates in 1.

0 00 01

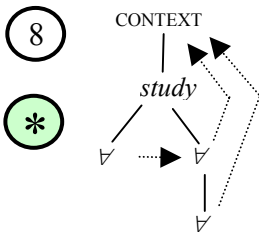
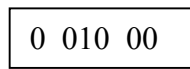


There are two students (Mary and Bill). Each student studies all theorems that belong to at least one of the (relevant) theories.

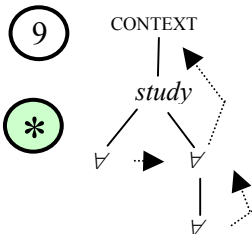
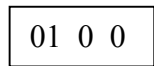
$$\forall_z [\text{theory}'(z) \rightarrow \forall_y \forall_x [(\text{student}'(x) \wedge \text{theorem}'(y) \wedge \text{belong}'(y,z)) \rightarrow \text{study}'(x, y)]]$$



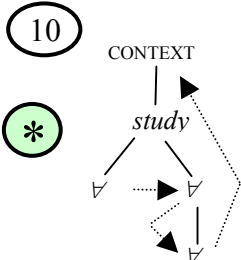
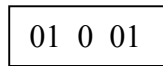
Conflates in 6.



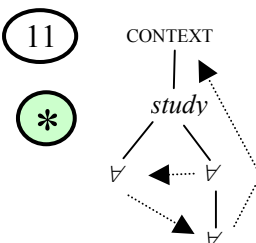
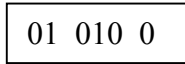
Conflates in 1.



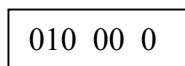
Conflates in 1.

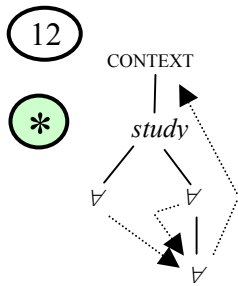


Conflates in 6.



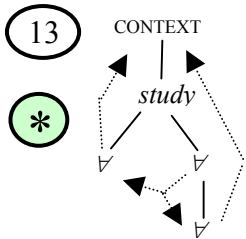
Conflates in 6.





Conflates in 6.

010 010 0



Conflates in 1 or in 6.

010 00+010 0