



A →  
E ↘

same

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T  
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T  
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✓  
✓  
 $\forall x. P(x) \wedge Q(x)$

$$\neg \rightarrow \exists x \in H. C(x, \neg \neg)$$

$$\neg \rightarrow \forall x \in H. \neg C(x, \neg \neg)$$

X

X

✓

✓

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$$\begin{aligned} & (C(s, b) \vee C(s, i)) \wedge (C(F, b) \vee C(F, i)) \wedge (C(t, s) \vee C(t, i)) \\ & (\exists y \in K. C(s, y)) \wedge (\exists y \in K. C(F, y)) \wedge (\exists y \in K. C(t, y)) \end{aligned}$$

S

w

m

f

$\forall y, \neg S(y) \rightarrow$   
 Everybody :  $\neg S$

$\neg \left( \underbrace{\exists x. M(x)}_{w(y,x)} \wedge \underbrace{\exists z. \dots}_{E(x) \wedge w(y,x)} \right)$   
 $\rightarrow \neg \left( \dots \right)$   
 $\exists x. M(x) \wedge w(y,x)$