

Inference at \* 1  
of proof for Lemma not\_assert\_elim:

1.  $b : \mathbb{B}$   
2.  $\neg(\uparrow b)$   
 $\vdash b = \text{ff}$   
by BoolInd 1

1:

1.  $\neg(\uparrow \text{tt})$   
 $\vdash \text{tt} = \text{ff}$

2:

1.  $\neg(\uparrow \text{ff})$   
 $\vdash \text{ff} = \text{ff}$

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