

1 Proof

[12, 9 \rightarrow 13, subsumption resolution]

$$\frac{b \neq u}{u = x_0} \quad \square$$

[2 \rightarrow 9, cnf transformation]

$$\frac{(\forall x_0)u = x_0}{u = x_0}$$

[3 \rightarrow 12, cnf transformation]

$$\frac{a \neq b \wedge a \neq u \wedge b \neq u}{b \neq u}$$

[3, input]

$$a \neq b \wedge a \neq u \wedge b \neq u$$

[2, input]

$$(\forall x_0)u = x_0$$