

t69_abc Miz_1
(TMEz5eESjG2GLE9az92AnfAkve6WqqHw7Kk)

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Let $v1_instal g_1 : \iota \Rightarrow o$ be given. Let $v1_abc Miz_1 : \iota \Rightarrow o$ be given. Let $v3_abc Miz_1 : \iota \Rightarrow o$ be given. Let $l1_msual g_1 : \iota \Rightarrow o$ be given. Let $v8_abc Miz_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1_abc Miz_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k13_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $k37_abc Miz_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v7_abc Miz_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v6_abc Miz_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. (((v1_instal g_1 X0) \wedge ((v1_abc Miz_1 X0) \wedge \\ & ((v3_abc Miz_1 X0) \wedge (l1_msual g_1 X0)))) \wedge ((v7_abc Miz_1 X1 X0) \wedge \\ & (m1_abc Miz_1 X1 X0 (k13_abc Miz_1 X0)))) \Rightarrow (v6_abc Miz_1 (k37_abc Miz_1 \\ & X0 X1) X0) \end{aligned} \tag{1}$$

Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. (((v1_instal g_1 X0) \wedge ((v1_abc Miz_1 X0) \wedge \\ & ((v3_abc Miz_1 X0) \wedge (l1_msual g_1 X0)))) \wedge ((v6_abc Miz_1 X1 X0) \wedge \\ & (m1_abc Miz_1 X1 X0 (k13_abc Miz_1 X0)))) \Rightarrow ((\neg v6_abc Miz_1 (k37_abc Miz_1 \\ & X0 X1) X0) \wedge (v7_abc Miz_1 (k37_abc Miz_1 X0 X1) X0)) \end{aligned} \tag{2}$$

Assume the following.

$$\begin{aligned} & \forall X0. ((v1_instal g_1 X0) \wedge ((v1_abc Miz_1 X0) \wedge ((v3_abc Miz_1 \\ & X0) \wedge (l1_msual g_1 X0)))) \Rightarrow (\forall X1. (m1_abc Miz_1 X1 X0 (k13_abc Miz_1 \\ & X0)) \Rightarrow (((\neg v7_abc Miz_1 X1 X0) \wedge (v8_abc Miz_1 X1 X0)) \Rightarrow ((v6_abc Miz_1 \\ & X1 X0) \wedge (v8_abc Miz_1 X1 X0)))) \end{aligned} \tag{3}$$

Theorem 1

$$\begin{aligned} & \forall X0. ((v1_instal g_1 X0) \wedge ((v1_abc Miz_1 X0) \wedge ((v3_abc Miz_1 \\ & X0) \wedge (l1_msual g_1 X0)))) \Rightarrow (\forall X1. ((v8_abc Miz_1 X1 X0) \wedge (m1_abc Miz_1 \\ & X1 X0 (k13_abc Miz_1 X0))) \Rightarrow (k37_abc Miz_1 X0 X1 \neq X1)) \end{aligned}$$