

t68\_abc Miz\_1 (TMX-  
eHnteyq8YnBbXW9vqk9RXsPjWrpjLFTb)

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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. Assume the following.

$$\begin{aligned} \forall X0.((v1\_instal g_1 X0) \wedge ((v1\_abc Miz_1 X0) \wedge ((v3\_abc Miz_1 \\ X0) \wedge (l1\_msual g_1 X0)))) \Rightarrow (\forall X1.((v8\_abc Miz_1 X1 X0) \wedge (m1\_abc Miz_1 \\ X1 X0 (k13\_abc Miz_1 X0))) \Rightarrow (k37\_abc Miz_1 X0 (k37\_abc Miz_1 X0 X1) = \\ X1)) \end{aligned} \tag{1}$$

**Theorem 1**

$$\begin{aligned} \forall X0.((v1\_instal g_1 X0) \wedge ((v1\_abc Miz_1 X0) \wedge ((v3\_abc Miz_1 \\ X0) \wedge (l1\_msual g_1 X0)))) \Rightarrow (\forall X1.((v8\_abc Miz_1 X1 X0) \wedge (m1\_abc Miz_1 \\ X1 X0 (k13\_abc Miz_1 X0))) \Rightarrow (\forall X2.((v8\_abc Miz_1 X2 X0) \wedge (m1\_abc Miz_1 \\ X2 X0 (k13\_abc Miz_1 X0))) \Rightarrow ((k37\_abc Miz_1 X0 X1 = k37\_abc Miz_1 X0 \\ X2) \Rightarrow (X1 = X2)))) \end{aligned}$$