

t49_abc Miz_1

(TMGNsB7WWbY8wpT1iWxTH1qKUFaJ3ynLFZ7)

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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 $m1_abc\!miz_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k14_abc\!miz_1 : \iota \Rightarrow \iota$ be given. Let $k34_abc\!miz_1 : \iota \Rightarrow \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k1_funct_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u3_msual\!g_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_msafree3 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k28_abc\!miz_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0. \forall X1. ((v1_instal\!g_1 X1) \wedge ((v1_abc\!miz_1 X1) \wedge (\\ (v3_abc\!miz_1 X1) \wedge (l1_msual\!g_1 X1)))) \Rightarrow (\forall X2. (m1_subset_1 \\ X2 (u1_struct_0 X1)) \Rightarrow ((m1_abc\!miz_1 X0 X1 X2) \Leftrightarrow (X0 \in k1_funct_1 (\\ u3_msual\!g_1 X1 (k1_msafree3 X1 (k28_abc\!miz_1 X1))) X2))) \end{aligned} \quad (1)$$

Assume the following.

$$\forall X0. ((v1_instal\!g_1 X0) \wedge ((v1_abc\!miz_1 X0) \wedge (l1_msual\!g_1 X0))) \Rightarrow (m1_subset_1 (k14_abc\!miz_1 X0) (u1_struct_0 X0)) \quad (2)$$

Assume the following.

$$\begin{aligned} \forall X0. ((v1_instal\!g_1 X0) \wedge ((v1_abc\!miz_1 X0) \wedge ((v3_abc\!miz_1 \\ X0) \wedge (l1_msual\!g_1 X0)))) \Rightarrow (k34_abc\!miz_1 X0 = k1_funct_1 (u3_msual\!g_1 \\ X0 (k1_msafree3 X0 (k28_abc\!miz_1 X0))) (k14_abc\!miz_1 X0)) \end{aligned} \quad (3)$$

Theorem 1

$$\begin{aligned} \forall X0. \forall X1. ((v1_instal\!g_1 X1) \wedge ((v1_abc\!miz_1 X1) \wedge (\\ (v3_abc\!miz_1 X1) \wedge (l1_msual\!g_1 X1)))) \Rightarrow ((m1_abc\!miz_1 X0 X1 (k14_abc\!miz_1 \\ X1)) \Leftrightarrow (X0 \in k34_abc\!miz_1 X1)) \end{aligned}$$