

t85\_abcmiz\_1  
(TMYVz6yinXrqTcY16DhJtXuevrs35gPwPLz)

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Let  $v1\_instalg1 : \iota \Rightarrow o$  be given. Let  $v1\_abcmiz\_1 : \iota \Rightarrow o$  be given. Let  $v3\_abcmiz\_1 : \iota \Rightarrow o$  be given. Let  $l1\_msualg\_1 : \iota \Rightarrow o$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k3\_card\_3 : \iota \Rightarrow \iota$  be given. Let  $u3\_msualg\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_msafree3 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k28\_abcmiz\_1 : \iota \Rightarrow \iota$  be given. Let  $k1\_abcmiz\_1 : \iota \Rightarrow \iota$  be given. Let  $k46\_abcmiz\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k45\_abcmiz\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. k1\_abcmiz\_1 (k1\_abcmiz\_1 X0) = k1\_abcmiz\_1 X0 \quad (1)$$

Assume the following.

$$\begin{aligned} \forall X0. ((v1\_instalg1 X0) \wedge ((v1\_abcmiz\_1 X0) \wedge ((v3\_abcmiz\_1 \\ X0) \wedge (l1\_msualg\_1 X0)))) \Rightarrow (\forall X1. (m1\_subset\_1 X1 (k3\_card\_3 \\ (u3\_msualg\_1 X0 (k1\_msafree3 X0 (k28\_abcmiz\_1 X0)))))) \Rightarrow (k46\_abcmiz\_1 \\ X0 X1 = k1\_abcmiz\_1 (k45\_abcmiz\_1 X0 X1))) \end{aligned} \quad (2)$$

**Theorem 1**

$$\begin{aligned} \forall X0. ((v1\_instalg1 X0) \wedge ((v1\_abcmiz\_1 X0) \wedge ((v3\_abcmiz\_1 \\ X0) \wedge (l1\_msualg\_1 X0)))) \Rightarrow (\forall X1. (m1\_subset\_1 X1 (k3\_card\_3 \\ (u3\_msualg\_1 X0 (k1\_msafree3 X0 (k28\_abcmiz\_1 X0)))))) \Rightarrow (k1\_abcmiz\_1 \\ (k46\_abcmiz\_1 X0 X1) = k46\_abcmiz\_1 X0 X1)) \end{aligned}$$