

t42\_abc Miz\_a  
 (TMa5Rp8k8sWeZH55MedR2vHrNLcrBru48Vs)

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Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $u4\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k27\_abc Miz\_1 : \iota$  be given. Let  $v2\_abc Miz\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k20\_abc Miz\_1 : \iota$  be given. Let  $v1\_instalg1 : \iota \Rightarrow o$  be given. Let  $v1\_abc Miz\_1 : \iota \Rightarrow o$  be given. Let  $l1\_msualg\_1 : \iota \Rightarrow o$  be given. Let  $v1\_abc Miz\_a : \iota \Rightarrow o$  be given. Let  $v1\_msualg\_1 : \iota \Rightarrow o$  be given. Assume the following.

$$\begin{aligned} \forall X0. ((v1\_instalg1 X0) \wedge ((v1\_abc Miz\_1 X0) \wedge (l1\_msualg\_1 \\ X0))) \Rightarrow ((v1\_abc Miz\_a X0) \Rightarrow (\forall X1. (m1\_subset\_1 X1 (u4\_struct\_0 \\ X0)) \Rightarrow ((v2\_abc Miz\_1 X1 X0) \Leftrightarrow (X1 \in k20\_abc Miz\_1)))) \end{aligned} \quad (1)$$

Assume the following.

$$(v1\_msualg\_1 k27\_abc Miz\_1) \wedge ((v1\_instalg1 k27\_abc Miz\_1) \wedge ((v1\_abc Miz\_1 k27\_abc Miz\_1) \wedge (v1\_abc Miz\_a k27\_abc Miz\_1))) \quad (2)$$

Assume the following.

$$(v1\_msualg\_1 k27\_abc Miz\_1) \wedge ((v1\_instalg1 k27\_abc Miz\_1) \wedge ((v1\_abc Miz\_1 k27\_abc Miz\_1) \wedge (l1\_msualg\_1 k27\_abc Miz\_1))) \quad (3)$$

**Theorem 1**

$$\forall X0. (m1\_subset\_1 X0 (u4\_struct\_0 k27\_abc Miz\_1)) \Rightarrow ((v2\_abc Miz\_1 X0 k27\_abc Miz\_1) \Leftrightarrow (X0 \in k20\_abc Miz\_1))$$