

## t79\_abc Miz\_1

(TMJzW8v5jVQfsnkcqLjF5JZ4xdmqZmiqUq8)

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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  $v1\_fin\!set_1 : \iota \Rightarrow o$  be given. Let  $m1\_subset_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_z\!f\!misc_1 : \iota \Rightarrow \iota$  be given. Let  $k38\_abc\!miz_1 : \iota \Rightarrow \iota$  be given. Let  $v9\_abc\!miz_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $m1\_abc\!miz_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k12\_abc\!miz_1 : \iota \Rightarrow \iota$  be given. Let  $k40\_abc\!miz_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_tar\!ski : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(k4\_tar\!ski\ X0\ X1 = k4\_tar\!ski\ X2\ X3) \Rightarrow ((X0 = X2) \wedge (X1 = X3)) \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.(((v1\_instal\!g_1\ X0) \wedge ((v1\_abc\!miz_1\ X0) \wedge ((v3\_abc\!miz_1\ X0) \wedge (l1\_msual\!g_1\ X0)))) \wedge (((v1\_fin\!set_1\ X1) \wedge (m1\_subset_1\ X1\ (k1\_z\!f\!misc_1\ (k38\_abc\!miz_1\ X0)))) \wedge ((v9\_abc\!miz_1\ X2\ X0) \wedge (m1\_abc\!miz_1\ X2\ X0\ (k12\_abc\!miz_1\ X0)))))) \Rightarrow (k40\_abc\!miz_1\ X0\ X1\ X2 = k4\_tar\!ski\ X1\ X2) \quad (2)$$

### Theorem 1

$$\forall X0.(((v1\_instal\!g_1\ X0) \wedge ((v1\_abc\!miz_1\ X0) \wedge ((v3\_abc\!miz_1\ X0) \wedge (l1\_msual\!g_1\ X0)))) \Rightarrow (\forall X1.(((v1\_fin\!set_1\ X1) \wedge (m1\_subset_1\ X1\ (k1\_z\!f\!misc_1\ (k38\_abc\!miz_1\ X0)))) \Rightarrow (\forall X2.(((v1\_fin\!set_1\ X2) \wedge (m1\_subset_1\ X2\ (k1\_z\!f\!misc_1\ (k38\_abc\!miz_1\ X0)))) \Rightarrow (\forall X3.(((v9\_abc\!miz_1\ X3\ X0) \wedge (m1\_abc\!miz_1\ X3\ X0\ (k12\_abc\!miz_1\ X0)))) \Rightarrow (\forall X4.(((v9\_abc\!miz_1\ X4\ X0) \wedge (m1\_abc\!miz_1\ X4\ X0\ (k12\_abc\!miz_1\ X0)))) \Rightarrow ((k40\_abc\!miz_1\ X0\ X1\ X3 = k40\_abc\!miz_1\ X0\ X2\ X4) \Rightarrow ((X1 = X2) \wedge (X3 = X4))))))))))$$