

t28_abc Miz_1 (TMHQ- Muz2uUmWiSHsaDFohtJaT XuQMV3aN5U)

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Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2_abc Miz_1 : \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $k6_domain_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k5_numbers : \iota$ be given. Let $v1_finset_1 : \iota \Rightarrow o$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k2_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1_subset_1 X0 k2_abc Miz_1) \Rightarrow (k1_abc Miz_1 (k6_domain_1 k2_abc Miz_1 X0) = k4_subset_1 k2_abc Miz_1 (k3_abc Miz_1 X0) (k6_domain_1 k2_abc Miz_1 X0)) \quad (1)$$

Assume the following.

$$k2_abc Miz_1 = ReplSep2 (toset (\lambda X0 : \iota.m1_subset_1 X0 (k1_zfmisc_1 k2_abc Miz_1))) (\lambda X0 : \iota.toset (\lambda X1 : \iota.m1_subset_1 X1 k5_numbers)) (\lambda X0 : \iota.\lambda X1 : \iota.v1_finset_1 X0) (\lambda X0 : \iota.\lambda X1 : \iota.k4_tarski (k1_abc Miz_1 X0) X1)) \quad (2)$$

Assume the following.

$$\forall X0.((v1_finset_1 X0) \wedge (m1_subset_1 X0 (k1_zfmisc_1 k2_abc Miz_1))) \Rightarrow (\forall X1.(v7_ordinal1 X1) \Rightarrow (k4_tarski (k1_abc Miz_1 X0) X1 \in k2_abc Miz_1)) \quad (3)$$

Assume the following.

$$\forall X0.\forall X1.((\neg v1_xboole_0 X0) \wedge (m1_subset_1 X1 X0)) \Rightarrow (k6_domain_1 X0 X1 = k1_tarski X1) \quad (4)$$

Assume the following.

$$\neg v1_xboole_0 k2_abc Miz_1 \quad (5)$$

Assume the following.

$$\forall X0.v1_finset_1 (k1_tarski X0) \tag{6}$$

Assume the following.

$$\forall X0.\forall X1.((\neg v1_xboole_0 X0)\wedge(m1_subset_1 X1 X0))\Rightarrow (m1_subset_1 (k6_domain_1 X0 X1) (k1_zfmisc_1 X0)) \tag{7}$$

Assume the following.

$$\forall X0.\forall X1.k4_tarski X0 X1 = k2_tarski (k2_tarski X0 X1) (k1_tarski X0) \tag{8}$$

Assume the following.

$$\forall X0.\forall X1.k2_tarski X0 X1 = k2_tarski X1 X0 \tag{9}$$

Theorem 1

$$\forall X0.(v7_ordinal1 X0)\Rightarrow(\forall X1.(m1_subset_1 X1 k2_abcmiz_1)\Rightarrow (k4_tarski (k4_subset_1 k2_abcmiz_1 (k3_abcmiz_1 X1) (k6_domain_1 k2_abcmiz_1 X1)) X0 \in k2_abcmiz_1))$$