

t2_abc Miz_a
(TMRba1RtftQ3sUzaugwzw24JkbzVBhk3Y2F)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2_abc Miz_1 : \iota$ be given. Let $k1_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $k3_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k5_numbers : \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1_finset_1 : \iota \Rightarrow o$ be given. Let $k1_xtuple_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X0 X1) \Rightarrow ((v1_xboole_0 X1) \vee (X0 \in X1)) \quad (1)$$

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.

$$\forall X0. (m1_subset_1 X0 k2_abc Miz_1) \Rightarrow (k3_abc Miz_1 X0 = k1_xtuple_0 X0) \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. k1_xtuple_0 (k4_tarski X0 X1) = X0 \quad (4)$$

Assume the following.

$$\forall X0. k1_abc Miz_1 (k1_abc Miz_1 X0) = k1_abc Miz_1 X0 \quad (5)$$

Assume the following.

$$\neg v1_xboole_0 k2_abc Miz_1 \quad (6)$$

Theorem 1

$$\forall X0. (m1_subset_1 X0 k2_abc Miz_1) \Rightarrow (k1_abc Miz_1 (k3_abc Miz_1 X0) = k3_abc Miz_1 X0)$$