

t24_abc Miz_1 (TMMAMibMFfRhnkd- WDL4gneHxDxHCuzB9Hbq)

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Let $v1_finset_1 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k2_abc Miz_1 : \iota$ be given. Let $k1_abc Miz_1 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $k4_classes1 : \iota \Rightarrow \iota$ be given. Let $k6_classes1 : \iota \Rightarrow \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (r1_tarski X0 X1) \Rightarrow (r1_tarski (k1_abc Miz_1 X0) (k1_abc Miz_1 X1)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (v3_ordinal1 X1) \Rightarrow ((X0 \in k4_classes1 X1) \Leftrightarrow (k6_classes1 X0 \in X1)) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X0 (k1_zfmisc_1 X1)) \Leftrightarrow (r1_tarski X0 X1) \quad (3)$$

Assume the following.

$$r1_tarski k2_abc Miz_1 (k4_classes1 k4_ordinal1) \quad (4)$$

Assume the following.

$$\forall X0. ((v1_finset_1 X0) \wedge (m1_subset_1 X0 (k1_zfmisc_1 (k4_classes1 k4_ordinal1)))) \Rightarrow (X0 \in k4_classes1 k4_ordinal1) \quad (5)$$

Assume the following.

$$\forall X0. k6_classes1 (k1_abc Miz_1 X0) = k6_classes1 X0 \quad (6)$$

Assume the following.

$$\forall X0. (v1_finset_1 (k6_classes1 X0)) \Rightarrow (v1_finset_1 X0) \quad (7)$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.((r1_tarSKI X0 X1)\wedge(r1_tarSKI X1 X2))\Rightarrow(r1_tarSKI X0 X2) \quad (8)$$

Assume the following.

$$\forall X0.\forall X1.(X0 \in X1)\Rightarrow(m1_subset_1 X0 X1) \quad (9)$$

Assume the following.

$$k1_abcmiz_1 k2_abcmiz_1 = k2_abcmiz_1 \quad (10)$$

Assume the following.

$$(\neg v1_xboole_0 k4_ordinal1)\wedge(v3_ordinal1 k4_ordinal1) \quad (11)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k4_ordinal1)\Rightarrow(v7_ordinal1 X0) \quad (12)$$

Assume the following.

$$\forall X0.(v7_ordinal1 X0)\Rightarrow(v1_finset_1 X0) \quad (13)$$

Theorem 1

$$\forall X0.((v1_finset_1 X0)\wedge(m1_subset_1 X0 (k1_zfmisc_1 k2_abcmiz_1)))\Rightarrow ((v1_finset_1 (k1_abcmiz_1 X0))\wedge(m1_subset_1 (k1_abcmiz_1 X0) (k1_zfmisc_1 k2_abcmiz_1)))$$