

t16_abc Miz_0

(TMadoE3u8mCs2wyc37gPa5zodTfTx7bW5Kv)

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Let $v2_struct_0 : \iota \Rightarrow o$ be given. Let $l2_abc Miz_0 : \iota \Rightarrow o$ be given. Let $k4_abc Miz_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_subset_1 : \iota \Rightarrow \iota$ be given. Let $u1_abc Miz_0 : \iota \Rightarrow \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_xboole_0 : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k2_abc Miz_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. r1_tarski\ k1_xboole_0\ X0 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (m1_subset_1\ X1\ (k1_zfmisc_1\ X0)) \Rightarrow ((\forall X2. (m1_subset_1\ X2\ X0) \Rightarrow (X2 \in X1)) \Rightarrow (X0 = X1)) \quad (2)$$

Assume the following.

$$\forall X0. ((\neg v2_struct_0\ X0) \wedge (l2_abc Miz_0\ X0)) \Rightarrow (\forall X1. (m1_subset_1\ X1\ (u1_struct_0\ X0)) \Rightarrow (\forall X2. (m1_subset_1\ X2\ (k1_zfmisc_1\ (u1_abc Miz_0\ X0)))) \Rightarrow ((r1_tarski\ X2\ (k2_abc Miz_0\ X0\ X1)) \Leftrightarrow (X1 \in k4_abc Miz_0\ X0\ X2)))) \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. (((\neg v2_struct_0\ X0) \wedge (l2_abc Miz_0\ X0)) \wedge (m1_subset_1\ X1\ (k1_zfmisc_1\ (u1_abc Miz_0\ X0)))) \Rightarrow (m1_subset_1\ (k4_abc Miz_0\ X0\ X1)\ (k1_zfmisc_1\ (u1_struct_0\ X0))) \quad (4)$$

Assume the following.

$$\forall X0. m1_subset_1\ (k1_subset_1\ X0)\ (k1_zfmisc_1\ X0) \quad (5)$$

Assume the following.

$$\forall X0. k1_subset_1\ X0 = k1_xboole_0 \quad (6)$$

Theorem 1

$$\forall X0. ((\neg v2_struct_0\ X0) \wedge (l2_abc Miz_0\ X0)) \Rightarrow (k4_abc Miz_0\ X0\ (k1_subset_1\ (u1_abc Miz_0\ X0)) = u1_struct_0\ X0)$$