

l9_sgraph1
(TMTX63rrausL2EkMCaPxb9wA6AsxNNQZq5A)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X0 (k1_zfmisc_1 X1)) \Leftrightarrow (r1_tarski X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. (r1_tarski (k2_xboole_0 X2 (k1_tarski X0)) X1) \Leftrightarrow ((X0 \in X1) \wedge (r1_tarski X2 X1)) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 X0)) \Rightarrow (\forall X2. (X2 \in X0) \Rightarrow (m1_subset_1 (k2_xboole_0 X1 (k1_tarski X2)) (k1_zfmisc_1 X0)))$$