

t52_scmyciel (TMKVn-
FJwwhg46QwbrGtPVrcwYc8MjBU55RM)

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Let $v4_scmyciel : \iota \Rightarrow o$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $v1_finset_1 : \iota \Rightarrow o$ be given. Let $v5_scmyciel : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k2_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. k3_tarski (k2_tarski k1_xboole_0 (k1_tarski X0)) = k1_tarski X0 \quad (1)$$

Assume the following.

$$\forall X0. (v4_scmyciel X0) \Rightarrow (\forall X1. (X1 \in k3_tarski X0) \Rightarrow ((v4_scmyciel (k2_tarski k1_xboole_0 (k1_tarski X1))) \wedge ((v5_scmyciel (k2_tarski k1_xboole_0 (k1_tarski X1))) \wedge (m1_subset_1 (k2_tarski k1_xboole_0 (k1_tarski X1)) (k1_zfmisc_1 X0)))))) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. v1_finset_1 (k2_tarski X0 X1) \quad (3)$$

Assume the following.

$$k1_xboole_0 = the (\lambda X0 : \iota. v1_xboole_0 X0) \quad (4)$$

Theorem 1

$$\forall X0. (v4_scmyciel X0) \Rightarrow (\forall X1. \neg (X1 \in k3_tarski X0) \wedge (\forall X2. ((v1_finset_1 X2) \wedge ((v4_scmyciel X2) \wedge ((v5_scmyciel X2) \wedge (m1_subset_1 X2 (k1_zfmisc_1 X0)))))) \Rightarrow (k3_tarski X2 \neq k1_tarski X1)))$$