

t73_scmyciel

(TMS1z6UP8rYRLPckFoZ1q4fCKkkh1h1Tnqo)

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Let $v4_scmyciel : \iota \Rightarrow o$ 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 $k6_scmyciel : \iota \Rightarrow \iota$ be given. Let $v9_scmyciel : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0.(v4_scmyciel X0) \Rightarrow (\forall X1.((v4_scmyciel X1) \wedge (\\ (v5_scmyciel X1) \wedge (m1_subset_1 X1 (k1_zfmisc_1 X0)))) \Rightarrow ((v9_scmyciel \\ (k3_tarski X1) (k6_scmyciel X0)) \wedge (m1_subset_1 (k3_tarski X1) \\ (k1_zfmisc_1 (k3_tarski (k6_scmyciel X0)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\forall X0.(v4_scmyciel X0) \Rightarrow (k6_scmyciel (k6_scmyciel X0) = X0) \quad (2)$$

Assume the following.

$$\forall X0.(v4_scmyciel X0) \Rightarrow (v4_scmyciel (k6_scmyciel X0)) \quad (3)$$

Theorem 1

$$\begin{aligned} \forall X0.(v4_scmyciel X0) \Rightarrow (\forall X1.((v4_scmyciel X1) \wedge (\\ (v5_scmyciel X1) \wedge (m1_subset_1 X1 (k1_zfmisc_1 (k6_scmyciel X0)))) \Rightarrow \\ ((v9_scmyciel (k3_tarski X1) X0) \wedge (m1_subset_1 (k3_tarski X1) \\ (k1_zfmisc_1 (k3_tarski X0)))))) \end{aligned}$$