

t75_scmyciel
(TMNbmugdwrhN1iEtJqBL6zQpDFQmdau5Yoei)

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Let $v4_scmyciel : \iota \Rightarrow o$ be given. Let $v9_scmyciel : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_scmyciel : \iota \Rightarrow \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $k7_scmyciel : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v5_scmyciel : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} & \forall X0.(v4_scmyciel X0) \Rightarrow (\forall X1.((v9_scmyciel X1 X0) \wedge \\ & (m1_subset_1 X1 (k1_zfmisc_1 (k3_tarski X0)))) \Rightarrow ((v4_scmyciel \\ & (k7_scmyciel (k6_scmyciel X0) X1)) \wedge ((v5_scmyciel (k7_scmyciel \\ & (k6_scmyciel X0) X1)) \wedge (m1_subset_1 (k7_scmyciel (k6_scmyciel \\ & X0) X1) (k1_zfmisc_1 (k6_scmyciel X0)))))) \end{aligned} \quad (1)$$

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

$$\begin{aligned} & \forall X0.(v4_scmyciel X0) \Rightarrow (\forall X1.((v9_scmyciel X1 (k6_scmyciel \\ & X0)) \wedge (m1_subset_1 X1 (k1_zfmisc_1 (k3_tarski (k6_scmyciel X0)))) \Rightarrow \\ & ((v4_scmyciel (k7_scmyciel X0 X1)) \wedge ((v5_scmyciel (k7_scmyciel \\ & X0 X1)) \wedge (m1_subset_1 (k7_scmyciel X0 X1) (k1_zfmisc_1 X0)))))) \end{aligned}$$