

t79_scmyciel
(TMH85k73SYwYXDwDbCa3Eo7qwx9cmTQ7NxT)

October 27, 2020

Let $v4_scmyciel : \iota \Rightarrow o$ be given. Let $v7_scmyciel : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1_eqrel_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $v10_scmyciel : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_scmyciel : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v4_scmyciel X0) \Rightarrow (\forall X1.((v7_scmyciel X1 (k6_scmyciel X0)) \wedge (m1_eqrel_1 X1 (k3_tarski (k6_scmyciel X0)))) \Rightarrow ((v10_scmyciel X1 X0) \wedge (m1_eqrel_1 X1 (k3_tarski X0)))) \quad (1)$$

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

$$\forall X0.(v4_scmyciel X0) \Rightarrow (\forall X1.((v7_scmyciel X1 X0) \wedge (m1_eqrel_1 X1 (k3_tarski X0))) \Rightarrow ((v10_scmyciel X1 (k6_scmyciel X0)) \wedge (m1_eqrel_1 X1 (k3_tarski (k6_scmyciel X0)))))$$