t81_scmyciel (TMKBF4ZVSMgjPxNG84L1gajdZnZ3fqZbAix)

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Let $v4\_scmyciel : \iota \Rightarrow o$ be given. Let $v10\_scmyciel : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6\_scmyciel : \iota \Rightarrow \iota$ be given. Let $m1\_eqrel\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3\_tarski : \iota \Rightarrow \iota$ be given. Let $v7\_scmyciel : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v4\_scmyciel\ X0) \Rightarrow (\forall X1.((v10\_scmyciel\ X1\ X0) \wedge (m1\_eqrel\_1\ X1\ (k3\_tarski\ X0))) \Rightarrow ((v7\_scmyciel\ X1\ (k6\_scmyciel\ X0)) \wedge (m1\_eqrel\_1\ X1\ (k3\_tarski\ (k6\_scmyciel\ X0))))) \tag{1}$$

Assume the following.

$$\forall X0.(v4\_scmyciel\ X0) \Rightarrow (k6\_scmyciel\ (k6\_scmyciel\ X0) = X0) \tag{2}$$

Assume the following.

$$\forall X0.(v4\_scmyciel\ X0) \Rightarrow (v4\_scmyciel\ (k6\_scmyciel\ X0)) \tag{3}$$

Theorem 1

$$\forall X0.(v4\_scmyciel\ X0) \Rightarrow (\forall X1.((v10\_scmyciel\ X1\ (k6\_scmyciel\ X0)) \wedge (m1\_eqrel\_1\ X1\ (k3\_tarski\ (k6\_scmyciel\ X0)))) \Rightarrow ((v7\_scmyciel\ X1\ X0) \wedge (m1\_eqrel\_1\ X1\ (k3\_tarski\ X0))))$$