t100_scmyciel (TMSCNhyjDC2uG52VoE4C2aZoiCKyEh41kAa)

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Let $v4\_scmyciel : \iota \Rightarrow o$ be given. Let $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3\_tarski : \iota \Rightarrow \iota$ be given. Let $k12\_scmyciel : \iota \Rightarrow \iota$ be given. Let $k1\_scmyciel : \iota \Rightarrow \iota$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v4\_scmyciel\ X0) \Rightarrow (\forall X1.\forall X2.(k2\_tarski\ (k4\_tarski\ X1\ (k3\_tarski\ X0))\ X2 \in k1\_scmyciel\ (k12\_scmyciel\ X0)) \Rightarrow ((X1 \neq X2) \wedge ((X1 \in k3\_tarski\ X0) \wedge ((X2 \in k3\_tarski\ X0) \vee (X2 = k3\_tarski\ X0)))))) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.k4\_tarski\ X0\ X1 \neq X0 \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.(k2\_tarski\ X1\ X2 \in X0) \Rightarrow ((X1 = X2) \vee (k2\_tarski\ X1\ X2 \in k1\_scmyciel\ X0)) \tag{3}$$

Assume the following.

$$\forall X0.\forall X1.k4\_tarski\ X0\ X1 = k2\_tarski\ (k2\_tarski\ X0\ X1)\ (k1\_tarski\ X0) \tag{4}$$

Theorem 1

$$\forall X0.(v4\_scmyciel\ X0) \Rightarrow (\forall X1.\forall X2.\neg(k2\_tarski\ (k4\_tarski\ X1\ (k3\_tarski\ X0))\ X2 \in k12\_scmyciel\ X0) \wedge (X1 = X2))$$