t61_scmyciel (TMXWeehEtB4YbEfE4PN4inapjkDpSCbsLuP)

October 27, 2020

Let $v4\_scmyciel : \iota \Rightarrow o$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $k3\_tarski : \iota \Rightarrow \iota$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $v9\_scmyciel : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.(X1 = k1\_tarski\ X0) \Leftrightarrow (\forall X2.(X2 \in X1) \Leftrightarrow (X2 = X0)) \tag{1}$$

Assume the following.

$$\forall X0.(v4\_scmyciel\ X0) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k3\_tarski\ X0))) \Rightarrow ((v9\_scmyciel\ X1\ X0) \Leftrightarrow (\forall X2.\forall X3.\ \neg(X2 \neq X3) \wedge ((X2 \in X1) \wedge ((X3 \in X1) \wedge (k2\_tarski\ X2\ X3 \in X0)))))) \tag{2}$$

Theorem 1

$$\forall X0.(v4\_scmyciel\ X0) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k3\_tarski\ X0))) \Rightarrow (\forall X2.(X1 = k1\_tarski\ X2) \Rightarrow (v9\_scmyciel\ X1\ X0)))$$