t38_scmyciel (TMF7NVVDSgvcnAUjJ3F2Co8NKE5aWPD1nVH)

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Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5\_scmyciel : \iota \Rightarrow \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $v1\_finset\_1 : \iota \Rightarrow o$ be given. Let $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5\_card\_1 : \iota \Rightarrow \iota$ be given. Let $np\_\_2 : \iota$ be given. Assume the following.

$$\forall X0.\forall X1.(m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ X1)) \Leftrightarrow (r1\_tarski\ X0\ X1) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(r1\_tarski\ X0\ X1) \Leftrightarrow (\forall X2.(X2 \in X0) \Rightarrow (X2 \in X1)) \tag{2}$$

Assume the following.

$$\forall X0.k5\_scmyciel\ X0 = ReplSep\ (toset\ (\lambda X1 : \iota.(v1\_finset\_1\ X1) \wedge (m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ X0)))) (\lambda X1 : \iota.r1\_xxreal\_0\ (k5\_card\_1\ X1)\ np\_\_2) (\lambda X1 : \iota.X1) \tag{3}$$

Theorem 1

$$\forall X0.\forall X1.(r1\_tarski\ X0\ X1) \Rightarrow (r1\_tarski\ (k5\_scmyciel\ X0)\ (k5\_scmyciel\ X1))$$