t33_scmyciel (TMH3vAMxsuKGi9nuQeRkPbQjPmbeG5tiRDF)

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Let $k1\_tarski : \iota \Rightarrow \iota$ 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 $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_card\_1 : \iota \Rightarrow \iota$ be given. Let $np\_\_1 : \iota$ be given. Let $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $np\_\_2 : \iota$ be given. Let $v1\_finset\_1 : \iota \Rightarrow o$ be given. Let $k5\_card\_1 : \iota \Rightarrow \iota$ 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.

$$\forall X0.\forall X1.(r1\_tarski\ (k1\_tarski\ X0)\ X1) \Leftrightarrow (X0 \in X1) \tag{2}$$

Assume the following.

$$\forall X0.k1\_card\_1\ (k1\_tarski\ X0) = np\_\_1 \tag{3}$$

Assume the following.

$$r1\_xxreal\_0\ np\_\_1\ np\_\_2 \tag{4}$$

Assume the following.

$$\forall X0.(v1\_finset\_1\ X0) \Rightarrow (k5\_card\_1\ X0 = k1\_card\_1\ X0) \tag{5}$$

Assume the following.

$$\forall X0.v1\_finset\_1\ (k1\_tarski\ X0) \tag{6}$$

Assume the following.

$$\forall X0.k5\_scmyciel\ X0 = ReplSep\ (toset\ (\lambda X1 : \iota.(v1\_finset\_1\ X1) \wedge (m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ X0)))) (\lambda X1 : \iota.r1\_xxreal\_0\ (k5\_card\_1\ X1)\ np\_\_2)\ (\lambda X1 : \iota.X1) \tag{7}$$

Theorem 1 $\forall X0.\forall X1.(X1 \in X0) \Rightarrow (k1\_tarski\ X1 \in k5\_scmyciel\ X0)$.