

t8\_scmyciel  
(TMQmqRvmt6qyMafYRuKDvVhWLxEHm9sUmkH)

October 27, 2020

Let  $k3\_tarski : \iota \Rightarrow \iota$  be given. Let  $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_xboole\_0 : \iota$  be given. Let  $k1\_tarski : \iota \Rightarrow \iota$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. k3\_tarski (k1\_zfmisc\_1 X0) = X0 \tag{1}$$

Assume the following.

$$\forall X0. k1\_zfmisc\_1 (k1\_tarski X0) = k2\_tarski k1\_xboole\_0 (k1\_tarski X0) \tag{2}$$

**Theorem 1**

$$\forall X0. k3\_tarski (k2\_tarski k1\_xboole\_0 (k1\_tarski X0)) = k1\_tarski X0$$