

t11_robbins4
(TMPYDkrz3ZFY92hYquhka558R71aRvr7KrL)

October 27, 2020

Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k2_robbins4 : \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $np_1 : \iota$ be given. Let $np_2 : \iota$ be given. Let $np_3 : \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$np_3 = k1_enumset1\ k1_xboole_0\ np_1\ np_2 \quad (1)$$

Assume the following.

$$r1_tarski\ (u1_struct_0\ k2_robbins4)\ (k1_zfmisc_1\ np_3) \quad (2)$$

Assume the following.

$$k6_numbers = k1_xboole_0 \quad (3)$$

Assume the following.

$$\forall X0.\forall X1.(r1_tarski\ X0\ X1) \Leftrightarrow (\forall X2.(X2 \in X0) \Rightarrow (X2 \in X1)) \quad (4)$$

Assume the following.

$$\forall X0.\forall X1.(X1 = k1_zfmisc_1\ X0) \Leftrightarrow (\forall X2.(X2 \in X1) \Leftrightarrow (r1_tarski\ X2\ X0)) \quad (5)$$

Theorem 1

$$\forall X0.(X0 \in u1_struct_0\ k2_robbins4) \Rightarrow (r1_tarski\ X0\ (k1_enumset1\ k6_numbers\ np_1\ np_2))$$