l6_xxreal_0 (TMG2MqTViagQ5QGAXxB3F6a3sVKPkVGUrAq)

October 27, 2020

Let $k1\_xxreal\_0 : \iota$ be given. Let $k4\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $k4\_ordinal1 : \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $k1\_numbers : \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\neg k4\_tarski\ X0\ X1 \in k4\_ordinal1 \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(m1\_subset\_1\ X0\ X1) \Rightarrow ((v1\_xboole\_0\ X1) \vee (X0 \in X1)) \tag{2}$$

Assume the following.

$$\forall X0.k2\_tarski\ X0\ X0 = k1\_tarski\ X0 \tag{3}$$

Assume the following.

$$k6\_numbers = k1\_xboole\_0 \tag{4}$$

Assume the following.

$$k1\_xboole\_0 \in k4\_ordinal1 \tag{5}$$

Assume the following.

$$m1\_subset\_1\ k6\_numbers\ k1\_numbers \tag{6}$$

Assume the following.

$$\forall X0.\neg v1\_xboole\_0\ (k1\_tarski\ X0) \tag{7}$$

Assume the following.

$$\forall X0.\forall X1.k4\_tarski\ X0\ X1 = k2\_tarski\ (k2\_tarski\ X0\ X1)\ (k1\_tarski\ X0) \tag{8}$$

Assume the following.

$$k1\_xxreal\_0 = k1\_numbers \tag{9}$$

Assume the following.

$$\forall X0.(v1\_xboole\_0\ X0) \Leftrightarrow (\forall X1.\neg X1 \in X0) \tag{10}$$

Assume the following.

$$\forall X0.\forall X1.(X1 = k1\_tarski\ X0) \Leftrightarrow (\forall X2.(X2 \in X1) \Leftrightarrow (X2 = X0)) \tag{11}$$

Theorem 1 $k1\_xxreal\_0 \neq k4\_tarski\ k6\_numbers\ k6\_numbers$.