t11_xxreal_0 (TMVhixxcGS7oxv7Bx1nn6eLR6T1kUNb9hXa)

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Let $k2\_xxreal\_0 : \iota$ be given. Let $k1\_numbers : \iota$ be given. Let $k4\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.\neg(X0 \in X1) \wedge ((X1 \in X2) \wedge (X2 \in X0)) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.k4\_tarski\ X0\ X1 = k2\_tarski\ (k2\_tarski\ X0\ X1)\ (k1\_tarski\ X0) \tag{2}$$

Assume the following.

$$k2\_xxreal\_0 = k4\_tarski\ k6\_numbers\ k1\_numbers \tag{3}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.(X2 = k2\_tarski\ X0\ X1) \Leftrightarrow (\forall X3.\ (X3 \in X2) \Leftrightarrow ((X3 = X0) \vee (X3 = X1))) \tag{4}$$

Theorem 1 $\neg k2\_xxreal\_0 \in k1\_numbers$.