t6_membered (TMRPcqn6xZqNti9JriWgqzLx6qyQadc1KhM)

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Let $v6\_membered : \iota \Rightarrow o$ be given. Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5\_numbers : \iota$ be given. Let $k4\_ordinal1 : \iota$ be given. Let $v7\_ordinal1 : \iota \Rightarrow o$ be given. Assume the following.

$$k5\_numbers = k4\_ordinal1 \tag{1}$$

Assume the following.

$$\forall X0.(v6\_membered\ X0) \Leftrightarrow (\forall X1.(X1 \in X0) \Rightarrow (v7\_ordinal1\ X1)) \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.(r1\_tarski\ X0\ X1) \Leftrightarrow (\forall X2.(X2 \in X0) \Rightarrow (X2 \in X1)) \tag{3}$$

Assume the following.

$$\forall X0.(v7\_ordinal1\ X0) \Leftrightarrow (X0 \in k4\_ordinal1) \tag{4}$$

Theorem 1 $\forall X0.(v6\_membered\ X0) \Rightarrow (r1\_tarski\ X0\ k5\_numbers)$.