t1_ordinal3 (TMFDESJiP-VAqwPM8ibPdSMu1Hp9gUjeG6HU)

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Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_ordinal1 : \iota \Rightarrow \iota$ be given. Let $k2\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.r1\_tarski\ X0\ (k2\_xboole\_0\ X0\ X1) \tag{1}$$

Assume the following.

$$\forall X0.k1\_ordinal1\ X0 = k2\_xboole\_0\ X0\ (k1\_tarski\ X0) \tag{2}$$

Theorem 1 $\forall X0.r1\_tarski\ X0\ (k1\_ordinal1\ X0)$.