t2_ordinal3 (TMV7WmUCmUBz3PnwTAS8U1iUnsmzBk3wzkQ)

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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.

$$\forall X0.\forall X1.\forall X2.(r1\_tarski\ (k2\_xboole\_0\ X0\ X1)\ X2) \Rightarrow (r1\_tarski\ X0\ X2) \tag{1}$$

Assume the following.

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

Theorem 1

$$\forall X0.\forall X1.(r1\_tarski\ (k1\_ordinal1\ X0)\ X1) \Rightarrow (r1\_tarski\ X0\ X1)$$