

t11_ordinal3 (TMSujoti- ETZi1jFnzM1mPQWgwqZvjVNKS9Q)

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Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_setfam_1 : \iota \Rightarrow \iota$ be given. Let $k2_ordinal1 : \iota \Rightarrow \iota$ be given. Let $k2_ordinal2 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v3_ordinal1 X0) \Rightarrow (\forall X1.(r1_tarski X1 X0) \Rightarrow (k2_ordinal1 X1 = X1)) \quad (1)$$

Assume the following.

$$\forall X0.v3_ordinal1 (k2_ordinal2 X0) \quad (2)$$

Assume the following.

$$\forall X0.k2_ordinal2 X0 = k1_setfam_1 (k2_ordinal1 X0) \quad (3)$$

Theorem 1

$$\forall X0.(v3_ordinal1 X0) \Rightarrow (\forall X1.(r1_tarski X1 X0) \Rightarrow (v3_ordinal1 (k1_setfam_1 X1)))$$