

t5_ordinal1
(TMb5HhqRWrwWoD5jsrSRUrQHZ3GVekE7Jhy)

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Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (r1_tarski\ X0\ X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (\neg X1 \in X0) \quad (2)$$

Theorem 1 $\forall X0. \forall X1. \neg (X0 \in X1) \wedge (r1_tarski\ X1\ X0).$