

t3_ordinal6

(TMMH7NGq5JHGpXXVBnVh68RHqeyEPxeyamz)

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Let $v1_ordinal6 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_ordinal2 : \iota \Rightarrow \iota$ be given. Let $k2_ordinal1 : \iota \Rightarrow \iota$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $r1_ordinal1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v1_ordinal6 X0) \Leftrightarrow (k2_ordinal1 X0 = X0) \quad (1)$$

Assume the following.

$$\forall X0.v3_ordinal1 (k3_ordinal2 X0) \quad (2)$$

Assume the following.

$$\begin{aligned} \forall X0.\forall X1.(v3_ordinal1 X1) \Rightarrow ((X1 = k3_ordinal2 X0) \Leftrightarrow \\ ((r1_tarski (k2_ordinal1 X0) X1) \wedge (\forall X2.(v3_ordinal1 X2) \Rightarrow \\ ((r1_tarski (k2_ordinal1 X0) X2) \Rightarrow (r1_ordinal1 X1 X2)))))) \end{aligned} \quad (3)$$

Theorem 1 $\forall X0.(v1_ordinal6 X0) \Rightarrow (r1_tarski X0 (k3_ordinal2 X0)).$