

t1_numerals (TM-
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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Let $v4_ordinal1 : \iota \Rightarrow o$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (m1_subset_1 X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. (X0 = k4_ordinal1) \Leftrightarrow ((k1_xboole_0 \in X0) \wedge ((v4_ordinal1 X0) \wedge ((v3_ordinal1 X0) \wedge (\forall X1. (v3_ordinal1 X1) \Rightarrow (((k1_xboole_0 \in X1) \wedge (v4_ordinal1 X1)) \Rightarrow (r1_tarski X0 X1))))))) \quad (2)$$

Theorem 1 $m1_subset_1 k1_xboole_0 k4_ordinal1$.