

t43_classes1 (TMdrHhN-
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Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $k4_classes1 : \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k1_ordinal1 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (v3_ordinal1 X1) \Rightarrow ((r1_tarski X0 (k4_classes1 X1)) \Leftrightarrow (X0 \in k4_classes1 (k1_ordinal1 X1))) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarski (k1_tarski X0) X1) \Leftrightarrow (X0 \in X1) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. (v3_ordinal1 X1) \Rightarrow ((X0 \in k4_classes1 X1) \Leftrightarrow (k1_tarski X0 \in k4_classes1 (k1_ordinal1 X1)))$$