

t55_classes1
(TMJQ9e1rn5Nb6F3ekmetaUpT7ZHHKEacBy3)

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Let $v1_ordinal1 : \iota \Rightarrow o$ be given. Let $k5_classes1 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0. \forall X1. ((\forall X2. ((r1_tarski X0 X2) \wedge (v1_ordinal1 \\ X2)) \Rightarrow (r1_tarski X1 X2)) \wedge ((r1_tarski X0 X1) \wedge (v1_ordinal1 X1))) \Rightarrow \\ (k5_classes1 X0 = X1) \end{aligned} \tag{1}$$

Assume the following.

$$\forall X0. \forall X1. (X0 = X1) \Leftrightarrow ((r1_tarski X0 X1) \wedge (r1_tarski X1 X0)) \tag{2}$$

Theorem 1 $\forall X0. (v1_ordinal1 X0) \Rightarrow (k5_classes1 X0 = X0)$.