t69_classes1 (TMX1Wqkujmo5S5FA8DSUuEEYLrQ3kwLbDiV)

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Let $v3\_ordinal1 : \iota \Rightarrow o$ be given. Let $r1\_ordinal1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6\_classes1 : \iota \Rightarrow \iota$ be given. Let $k4\_classes1 : \iota \Rightarrow \iota$ be given. Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.\forall X1.(v3\_ordinal1\ X1) \Rightarrow ((X0 \in k4\_classes1\ X1) \Leftrightarrow (k6\_classes1\ X0 \in X1)) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(v3\_ordinal1\ X1) \Rightarrow ((r1\_tarski\ X0\ (k4\_classes1\ X1)) \Leftrightarrow (r1\_ordinal1\ (k6\_classes1\ X0)\ X1)) \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.(r1\_tarski\ X0\ X1) \Leftrightarrow (\forall X2.(X2 \in X0) \Rightarrow (X2 \in X1)) \tag{3}$$

Theorem 1

$$\forall X0.\forall X1.(v3\_ordinal1\ X1) \Rightarrow ((r1\_ordinal1\ (k6\_classes1\ X0)\ X1) \Leftrightarrow (\forall X2.(X2 \in X0) \Rightarrow (k6\_classes1\ X2 \in X1)))$$