

t64_classes1 (TMcFEDNLCDFn- JhCo6Lpfdd9EqMQmLGR92ra)

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Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $k6_classes1 : \iota \Rightarrow \iota$ be given. Let $k4_classes1 : \iota \Rightarrow \iota$ be given. Let $r1_ordinal1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v3_ordinal1 X0) \Rightarrow (\forall X1.(v3_ordinal1 X1) \Rightarrow ((r1_ordinal1 X0 X1) \Leftrightarrow (r1_tarski (k4_classes1 X0) (k4_classes1 X1)))) \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.((v3_ordinal1 X0) \wedge (v3_ordinal1 X1)) \Rightarrow (r1_ordinal1 X0 X0) \quad (2)$$

Assume the following.

$$\forall X0.\forall X1.(v3_ordinal1 X1) \Rightarrow ((X1 = k6_classes1 X0) \Leftrightarrow ((r1_tarski X0 (k4_classes1 X1)) \wedge (\forall X2.(v3_ordinal1 X2) \Rightarrow ((r1_tarski X0 (k4_classes1 X2)) \Rightarrow (r1_ordinal1 X1 X2)))))) \quad (3)$$

Theorem 1 $\forall X0.(v3_ordinal1 X0) \Rightarrow (k6_classes1 (k4_classes1 X0) = X0)$.