

t18\_classes2 (TMKRWjTrXD MRQcPsXmZewzM-  
rMXAPJPjtdpg)

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Let  $v1\_card\_1 : \iota \Rightarrow o$  be given. Let  $k1\_classes1 : \iota \Rightarrow \iota$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $v3\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k1\_ordinal1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} & \forall X0.(v3\_ordinal1 X0) \Rightarrow (\forall X1.(X0 \in k1\_classes1 X1) \Rightarrow \\ & ((k1\_ordinal1 X0 \in k1\_classes1 X1) \wedge (r1\_tarski X0 (k1\_classes1 \\ & X1)))) \end{aligned} \quad (1)$$

Assume the following.

$$\forall X0.(v1\_card\_1 X0) \Rightarrow (v3\_ordinal1 X0) \quad (2)$$

**Theorem 1**

$$\forall X0.(v1\_card\_1 X0) \Rightarrow (\forall X1.(X0 \in k1\_classes1 X1) \Rightarrow (r1\_tarski X0 (k1\_classes1 X1)))$$