

t57_classes2 (TMQx-
CAmt4P2jL2W3wrW6yGfvmYakGUmhHS1)

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Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $v1_classes2 : \iota \Rightarrow o$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $v2_classes1 : \iota \Rightarrow o$ be given. Let $k2_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1_ordinal1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. ((v2_classes1 X0) \wedge ((X1 \in X0) \wedge (X2 \in X0))) \Rightarrow ((k1_tarski X1 \in X0) \wedge (k2_tarski X1 X2 \in X0)) \quad (1)$$

Assume the following.

$$\forall X0. (v1_classes2 X0) \Rightarrow ((v1_ordinal1 X0) \wedge (v2_classes1 X0)) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. ((\neg v1_xboole_0 X1) \wedge (v1_classes2 X1)) \Rightarrow ((X0 \in X1) \Rightarrow (k1_tarski X0 \in X1))$$