

l10_ens_1 (TMST-
MUG2av2RkMTf25YddskGapHTfkhdaHi)

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Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(k4_tarski X0 X1 = k4_tarski X2 X3) \Rightarrow ((X0 = X2) \wedge (X1 = X3)) \quad (1)$$

Theorem 1

$$\forall X0.\forall X1.\forall X2.\forall X3.\forall X4.\forall X5. (k4_tarski (k4_tarski X0 X2) X4 = k4_tarski (k4_tarski X1 X3) X5) \Rightarrow ((X0 = X1) \wedge (X2 = X3))$$