

l4_xtuple_0
(TMZjoNKkqR6jkq5J8ouZUnrd2b4JUjQsd5m)

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Let $k2_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.(X2 = k2_tarski X0 X1) \Leftrightarrow (\forall X3. (X3 \in X2) \Leftrightarrow ((X3 = X0) \vee (X3 = X1))) \quad (1)$$

Theorem 1

$$\forall X0.\forall X1.\forall X2.\forall X3.\neg(k2_tarski X0 X1 = k2_tarski X2 X3) \wedge ((X0 \neq X2) \wedge (X0 \neq X3))$$