

t38_zfmisc_1

(TMGP1NzHiwc82RRqxxwZVeYSU5fB2sDazjfy)

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Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \neg(k1_tarski X0 = k2_xboole_0 \\ & X1 X2) \wedge ((\neg(X1 = k1_tarski X0) \wedge (X2 = k1_tarski X0)) \wedge ((\neg(X1 = k1_xboole_0) \wedge \\ & (X2 = k1_tarski X0)) \wedge (\neg(X1 = k1_tarski X0) \wedge (X2 = k1_xboole_0)))) \\ & \hspace{10em} (1) \end{aligned}$$

Theorem 1

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \neg(k1_tarski X0 = k2_xboole_0 \\ & X1 X2) \wedge ((X1 \neq X2) \wedge ((X1 \neq k1_xboole_0) \wedge (X2 \neq k1_xboole_0))) \end{aligned}$$