

l11_taxonom1
(TMXQ15HXdRRfJ3X7TkFgjaNkCLmD51tQ5BX)

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Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $m1_eqrel_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $r1_setfam_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. r1_setfam_1 X0 X0 \tag{1}$$

Assume the following.

$$\forall X0. \forall X1. (X1 = k1_tarski X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (X2 = X0)) \tag{2}$$

Theorem 1

$$\begin{aligned} & \forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\forall X1. (m1_eqrel_1 X1 X0) \Rightarrow \\ & (\forall X2. (m1_eqrel_1 X2 X0) \Rightarrow (\neg (X1 \in k1_tarski (k1_tarski X0)) \wedge \\ & ((X2 \in k1_tarski (k1_tarski X0)) \wedge (\neg r1_setfam_1 X1 X2) \wedge (\neg r1_setfam_1 \\ & X2 X1)))))) \end{aligned}$$