

t131_zfmisc_1
(TMS86tRg8udXaLBMVZ9oSUsuQscJWt3x4vLq2)

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Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $v1_zfmisc_1 : \iota \Rightarrow o$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v1_xboole_0 X0) \Leftrightarrow (\forall X1. \neg X1 \in X0) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (X1 = k1_tarski X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (X2 = X0)) \quad (2)$$

Assume the following.

$$\forall X0. (v1_zfmisc_1 X0) \Leftrightarrow (\forall X1. \forall X2. ((X1 \in X0) \wedge (X2 \in X0)) \Rightarrow (X1 = X2)) \quad (3)$$

Theorem 1

$$\forall X0. \neg(\neg(v1_xboole_0 X0) \wedge ((v1_zfmisc_1 X0) \wedge (\forall X1. X0 \neq k1_tarski X1)))$$