l37_zfmisc_1 (TMV7BnwkNv4Nh5LJGTPpGooynejD2jfPaME)

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Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Assume the following.

$$\forall X0.\neg(X0 \neq k1\_xboole\_0) \wedge (\forall X1.\neg X1 \in X0) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(X1 = k1\_tarski\ X0) \Leftrightarrow (\forall X2.(X2 \in X1) \Leftrightarrow (X2 = X0)) \tag{2}$$

Theorem 1

$$\forall X0.\forall X1.\neg(X0 \neq k1\_tarski\ X1) \wedge ((X0 \neq k1\_xboole\_0) \wedge (\forall X2.\neg(X2 \in X0) \wedge (X2 \neq X1)))$$