t61_zfmisc_1 (TMdjy4HdF9Vi6ZQtEHNYBXooBickQ3w5H2b)

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Let $k4\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $k1\_xboole\_0 : \iota$ be given. Assume the following.

$$\forall X0.\forall X1.(k4\_xboole\_0\ (k1\_tarski\ X0)\ X1 = k1\_xboole\_0) \Leftrightarrow (X0 \in X1) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.(k4\_xboole\_0\ (k1\_tarski\ X0)\ X1 = k1\_tarski\ X0) \Leftrightarrow (\neg X0 \in X1) \tag{2}$$

Theorem 1

$$\forall X0.\forall X1.(k4\_xboole\_0\ (k1\_tarski\ X0)\ X1 = k1\_xboole\_0) \vee (k4\_xboole\_0\ (k1\_tarski\ X0)\ X1 = k1\_tarski\ X0)$$