t1_domain_1 (TMaD-dgmKcWhod2aKw69KAGJ6ns1H5G686ud)

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Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.(X0 \in X1) \Rightarrow (m1\_subset\_1\ X0\ X1) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.(X2 = k2\_zfmisc\_1\ X0\ X1) \Leftrightarrow (\forall X3.\ (X3 \in X2) \Leftrightarrow (\exists X4.\exists X5.(X4 \in X0) \wedge ((X5 \in X1) \wedge (X3 = k4\_tarski\ X4\ X5)))) \tag{2}$$

Theorem 1

$$\forall X0.\forall X1.(\neg v1\_xboole\_0\ X1) \Rightarrow (\forall X2.(\neg v1\_xboole\_0\ X2) \Rightarrow (\neg (X0 \in k2\_zfmisc\_1\ X1\ X2) \wedge (\forall X3.(m1\_subset\_1\ X3\ X1) \Rightarrow (\forall X4.(m1\_subset\_1\ X4\ X2) \Rightarrow (X0 \neq k4\_tarski\ X3\ X4))))))$$