t3_relset_1 (TMbMCe5eyiMNofo3k7xZFQ1HHMzKVsprmn8)

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Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $k4\_tarski : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.(X0 \in X1) \Rightarrow (m1\_subset\_1\ (k1\_tarski\ X0)\ (k1\_zfmisc\_1\ X1)) \tag{1}$$

Assume the following.

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

Theorem 1

$$\forall X0.\forall X1.\forall X2.\forall X3.((X0 \in X1) \wedge (X2 \in X3)) \Rightarrow (m1\_subset\_1\ (k1\_tarski\ (k4\_tarski\ X0\ X2))\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ X1\ X3)))$$