t14_toler_1 (TMTvPPiJuyWFJsmA6hJ5fkpCZe4vBUJxyYS)

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Let $v1\_relat\_2 : \iota \Rightarrow o$ be given. Let $k1\_xboole\_0 : \iota$ be given. Let $v3\_relat\_2 : \iota \Rightarrow o$ be given. Let $v1\_partfun1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $v1\_relat\_1 : \iota \Rightarrow o$ be given. Let $v2\_relat\_2 : \iota \Rightarrow o$ be given. Let $v4\_relat\_2 : \iota \Rightarrow o$ be given. Let $v5\_relat\_2 : \iota \Rightarrow o$ be given. Let $v6\_relat\_2 : \iota \Rightarrow o$ be given. Let $v7\_relat\_2 : \iota \Rightarrow o$ be given. Let $v8\_relat\_2 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.\forall X1.m1\_subset\_1\ k1\_xboole\_0\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ X0\ X1)) \tag{1}$$

Assume the following.

$$v1\_xboole\_0\ k1\_xboole\_0 \tag{2}$$

Assume the following.

$$\forall X0.((v1\_xboole\_0\ X0)\wedge(v1\_relat\_1\ X0))\Rightarrow((v1\_relat\_1\ X0)\wedge((v1\_relat\_2\ X0)\wedge((v2\_relat\_2\ X0)\wedge((v3\_relat\_2\ X0)\wedge((v4\_relat\_2\ X0)\wedge((v5\_relat\_2\ X0)\wedge((v6\_relat\_2\ X0)\wedge((v7\_relat\_2\ X0)\wedge(v8\_relat\_2\ X0)))))))) \tag{3}$$

Assume the following.

$$\forall X0.(v1\_xboole\_0\ X0)\Rightarrow(v1\_relat\_1\ X0) \tag{4}$$

Assume the following.

$$\forall X0.\forall X1.(v1\_xboole\_0\ X0)\Rightarrow(\forall X2.(m1\_subset\_1\ X2\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ X0\ X1)))\Rightarrow(v1\_partfun1\ X2\ X0)) \tag{5}$$

Theorem 1

$$(v1\_relat\_2\ k1\_xboole\_0)\wedge((v3\_relat\_2\ k1\_xboole\_0)\wedge((v1\_partfun1\ k1\_xboole\_0\ k1\_xboole\_0)\wedge(m1\_subset\_1\ k1\_xboole\_0\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k1\_xboole\_0\ k1\_xboole\_0)))))$$