t32_borsuk_4 (TMWGQp6PLArMxKxE1TZab3LodKzFV14mBgn)

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Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $u1\_struct\_0 : \iota \Rightarrow \iota$ be given. Let $k5\_topmetr : \iota$ be given. Let $k1\_borsuk\_4 : \iota$ be given. Let $k1\_pre\_topc : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k17\_borsuk\_1 : \iota$ be given. Let $l1\_pre\_topc : \iota \Rightarrow o$ be given. Let $m1\_pre\_topc : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $l1\_struct\_0 : \iota \Rightarrow o$ be given. Let $v1\_pre\_topc : \iota \Rightarrow o$ be given. Let $k2\_struct\_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$k5\_topmetr = k17\_borsuk\_1 \tag{1}$$

Assume the following.

$$\forall X0.(l1\_pre\_topc\ X0) \Rightarrow (\forall X1.(m1\_pre\_topc\ X1\ X0) \Rightarrow (l1\_pre\_topc\ X1)) \tag{2}$$

Assume the following.

$$\forall X0.(l1\_pre\_topc\ X0) \Rightarrow (l1\_struct\_0\ X0) \tag{3}$$

Assume the following.

$$(v1\_pre\_topc\ k1\_borsuk\_4) \wedge (m1\_pre\_topc\ k1\_borsuk\_4\ k5\_topmetr) \tag{4}$$

Assume the following.

$$l1\_pre\_topc\ k17\_borsuk\_1 \tag{5}$$

Assume the following.

$$\forall X0.(l1\_pre\_topc\ X0) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (u1\_struct\_0\ X0))) \Rightarrow (\forall X2.((v1\_pre\_topc\ X2) \wedge (m1\_pre\_topc\ X2\ X0)) \Rightarrow ((X2 = k1\_pre\_topc\ X0\ X1) \Leftrightarrow (k2\_struct\_0\ X2 = X1)))) \tag{6}$$

Assume the following.

$$\forall X0.(l1\_struct\_0\ X0) \Rightarrow (k2\_struct\_0\ X0 = u1\_struct\_0\ X0) \tag{7}$$

Theorem 1

$$\forall X0.(m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ (u1\_struct\_0\ k5\_topmetr))) \Rightarrow ((X0 = u1\_struct\_0\ k1\_borsuk\_4) \Rightarrow (k1\_borsuk\_4 = k1\_pre\_topc\ k5\_topmetr\ X0))$$