

t37_zfmisc_1 (TMNLTEw-
ZLEk1kPnUYbHKavH2WP5LQ3bcwuk)

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Let $k1_tarSKI : \iota \Rightarrow \iota$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $r1_tarSKI : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. r1_tarSKI X0 (k2_xboole_0 X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. k2_xboole_0 X0 k1_xboole_0 = X0 \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarSKI X0 (k1_tarSKI X1)) \Leftrightarrow ((X0 = k1_xboole_0) \vee (X0 = k1_tarSKI X1)) \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. k2_xboole_0 X0 X1 = k2_xboole_0 X1 X0 \quad (4)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. \neg(k1_tarSKI X0 = k2_xboole_0 X1 X2) \wedge ((\neg(X1 = k1_tarSKI X0) \wedge (X2 = k1_tarSKI X0)) \wedge ((\neg(X1 = k1_xboole_0) \wedge (X2 = k1_tarSKI X0)) \wedge (\neg(X1 = k1_tarSKI X0) \wedge (X2 = k1_xboole_0))))$$