

t58_zfmisc_1 (TM-
FYsNz5RBXnUbvP6GP1bwkuWwHK6wXkDmH)

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Let $k4_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarSKI : \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $r1_tarSKI : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (r1_tarSKI X0 (k1_tarSKI X1)) \Leftrightarrow ((X0 = k1_xboole_0) \vee (X0 = k1_tarSKI X1)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (k4_xboole_0 X0 X1 = k1_xboole_0) \Leftrightarrow (r1_tarSKI X0 X1) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. \neg (k4_xboole_0 X0 (k1_tarSKI X1) = k1_xboole_0) \wedge ((X0 \neq k1_xboole_0) \wedge (X0 \neq k1_tarSKI X1))$$