

t73_zfmisc_1

(TMVutWkX9hbi6nEhW9c35fGXkveGjH7Xftm)

October 27, 2020

Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k4_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k5_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. r1_tarski (k2_xboole_0 (k1_zfmisc_1 X0) \\ & (k1_zfmisc_1 X1)) (k1_zfmisc_1 (k2_xboole_0 X0 X1)) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. k5_xboole_0 X0 X1 = k2_xboole_0 (k4_xboole_0 \\ & X0 X1) (k4_xboole_0 X1 X0) \end{aligned} \quad (2)$$

Theorem 1

$$\begin{aligned} & \forall X0. \forall X1. r1_tarski (k2_xboole_0 (k1_zfmisc_1 (k4_xboole_0 \\ & X0 X1)) (k1_zfmisc_1 (k4_xboole_0 X1 X0))) (k1_zfmisc_1 (k5_xboole_0 \\ & X0 X1)) \end{aligned}$$