

t74_cohsp_1

(TMc8rb2B47GfPARVg2mGmLU69byXxxNfwwq)

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Let $k14_cohsp_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $np_2 : \iota$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (k2_zfmisc_1 X0 X1 = k1_xboole_0) \Leftrightarrow ((X0 = k1_xboole_0) \vee (X1 = k1_xboole_0)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k14_cohsp_1 X0 X1 = k2_xboole_0 (k2_zfmisc_1 X0 (k1_tarski np_1)) (k2_zfmisc_1 X1 (k1_tarski np_2)) \quad (2)$$

Assume the following.

$$\forall X0. k2_xboole_0 X0 k1_xboole_0 = X0 \quad (3)$$

Assume the following.

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

Theorem 1

$$\forall X0. (k14_cohsp_1 X0 k1_xboole_0 = k2_zfmisc_1 X0 (k1_tarski np_1)) \wedge (k14_cohsp_1 k1_xboole_0 X0 = k2_zfmisc_1 X0 (k1_tarski np_2))$$