

t71_cohsp_1 (TMGt-
goDKg7JMe98PHipZMS6zRSPBb95jPKs)

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Let $k13_cohsp_1 : \iota \Rightarrow \iota$ 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. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $v1_classes1 : \iota \Rightarrow o$ be given. Let $v1_coh_sp : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. r1_tarski X0 (k1_zfmisc_1 (k3_tarski X0)) \quad (1)$$

Assume the following.

$$\forall X0. ((\neg v1_xboole_0 X0) \wedge ((v1_classes1 X0) \wedge (v1_coh_sp X0))) \Rightarrow (k3_tarski (k13_cohsp_1 X0) = k3_tarski X0) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarski (k1_tarski X0) X1) \Leftrightarrow (X0 \in X1) \quad (3)$$

Assume the following.

$$\forall X0. k3_tarski (k1_tarski X0) = X0 \quad (4)$$

Assume the following.

$$k1_zfmisc_1 k1_xboole_0 = k1_tarski k1_xboole_0 \quad (5)$$

Assume the following.

$$\forall X0. ((\neg v1_xboole_0 X0) \wedge ((v1_classes1 X0) \wedge (v1_coh_sp X0))) \Rightarrow (k1_xboole_0 \in X0) \quad (6)$$

Assume the following.

$$\forall X0. \neg v1_xboole_0 (k1_tarski X0) \quad (7)$$

Assume the following.

$$(v1_classes1 (k1_tarski k1_xboole_0)) \wedge (v1_coh_sp (k1_tarski k1_xboole_0)) \quad (8)$$

Assume the following.

$$\forall X0.((\neg v1_xboole_0 X0) \wedge ((v1_classes1 X0) \wedge (v1_coh_sp X0))) \Rightarrow ((\neg v1_xboole_0 (k13_cohsp_1 X0)) \wedge ((v1_classes1 (k13_cohsp_1 X0)) \wedge (v1_coh_sp (k13_cohsp_1 X0)))) \quad (9)$$

Assume the following.

$$\forall X0. \forall X1. (X0 = X1) \Leftrightarrow ((r1_tarski X0 X1) \wedge (r1_tarski X1 X0)) \quad (10)$$

Theorem 1 $k13_cohsp_1 (k1_tarski k1_xboole_0) = k1_tarski k1_xboole_0$.