

t44_scmyciel
(TMVJn3RZNgqHqXWeKiATEjbBpwDGAMD6PMq)

October 27, 2020

Let $v4_scmyciel : \iota \Rightarrow o$ be given. Let $r1_tarSKI : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k7_scmyciel : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_tarSKI : \iota \Rightarrow \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k3_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. r1_tarSKI X0 (k1_zfmisc_1 (k3_tarSKI X0)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. ((r1_tarSKI X0 X1) \wedge (r1_tarSKI X0 X2)) \Rightarrow (r1_tarSKI X0 (k3_xboole_0 X1 X2)) \quad (2)$$

Assume the following.

$$\forall X0. (v4_scmyciel X0) \Rightarrow (\forall X1. k7_scmyciel X0 X1 = k3_xboole_0 X0 (k1_zfmisc_1 X1)) \quad (3)$$

Theorem 1

$$\forall X0. (v4_scmyciel X0) \Rightarrow (\forall X1. (v4_scmyciel X1) \Rightarrow ((r1_tarSKI X0 X1) \Rightarrow (r1_tarSKI X0 (k7_scmyciel X1 (k3_tarSKI X0)))))$$