

t43_scmyciel (TM-
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Let $v4_scmyciel : \iota \Rightarrow o$ be given. Let $k7_scmyciel : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. k1_zfmisc_1 (k3_xboole_0 X0 X1) = k3_xboole_0 (k1_zfmisc_1 X0) (k1_zfmisc_1 X1) \quad (1)$$

Assume the following.

$$\forall X0. (v4_scmyciel X0) \Rightarrow (X0 = k7_scmyciel X0 (k3_tarski X0)) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. k3_xboole_0 (k3_xboole_0 X0 X1) X2 = k3_xboole_0 X0 (k3_xboole_0 X1 X2) \quad (3)$$

Assume the following.

$$\forall X0. (v4_scmyciel X0) \Rightarrow (\forall X1. k7_scmyciel X0 X1 = k3_xboole_0 X0 (k1_zfmisc_1 X1)) \quad (4)$$

Assume the following.

$$\forall X0. \forall X1. k3_xboole_0 X0 X1 = k3_xboole_0 X1 X0 \quad (5)$$

Theorem 1

$$\forall X0. (v4_scmyciel X0) \Rightarrow (\forall X1. k7_scmyciel X0 X1 = k7_scmyciel X0 (k3_xboole_0 X1 (k3_tarski X0)))$$