

l66_scmyciel
(TMdHy2mfP4rfsr7KwdNP3kV7mCYsgb329CX)

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Let $v4_scmyciel : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $k7_scmyciel : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v4_scmyciel X0) \Rightarrow (\forall X1.k3_tarski (k7_scmyciel X0 X1) = k3_xboole_0 (k3_tarski X0) X1) \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.(r1_tarski X0 X1) \Rightarrow (k3_xboole_0 X0 X1 = X0) \quad (2)$$

Assume the following.

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

Theorem 1

$$\forall X0.(v4_scmyciel X0) \Rightarrow (\forall X1.(r1_tarski X1 (k3_tarski X0)) \Rightarrow (k3_tarski (k7_scmyciel X0 X1) = X1))$$