

t105_xboole_1 (TMUEAU-
PEWXMquzTvT23LxZG1c8Chajc2Zao)

October 27, 2020

Let $r2_xboole_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. \neg(r1_tarski X0 X1) \wedge (r2_xboole_0 X1 X0) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (k4_xboole_0 X0 X1 = k1_xboole_0) \Leftrightarrow (r1_tarski X0 X1) \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. \neg(r2_xboole_0 X0 X1) \wedge (k4_xboole_0 X1 X0 = k1_xboole_0)$$