

l1_waybel35

(TMH2so8YkDHkJEJh5u5bnwNvxJYevL21dhL)

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Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. (X0 \in k2_xboole_0 X2 (k1_tarski X1)) \Leftrightarrow ((X0 \in X2) \vee (X0 = X1)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k2_xboole_0 X0 X1 = k2_xboole_0 X1 X0 \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. \neg (X1 \in k2_xboole_0 (k1_tarski X0) X2) \wedge ((X1 \neq X0) \wedge (\neg X1 \in X2))$$