l4_topalg_5 (TMMz49ovL1kD8Hf2Aha2zjr2z5mquHFf368)

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Let $k6\_numbers : \iota$ be given. Let $k6\_domain\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_numbers : \iota$ be given. Let $v1\_xboole\_0 : \iota \Rightarrow o$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.((\neg v1\_xboole\_0\ X0) \wedge (m1\_subset\_1\ X1\ X0)) \Rightarrow (k6\_domain\_1\ X0\ X1 = k1\_tarski\ X1) \tag{1}$$

Assume the following.

$$m1\_subset\_1\ k6\_numbers\ k1\_numbers \tag{2}$$

Assume the following.

$$\neg v1\_xboole\_0\ k1\_numbers \tag{3}$$

Assume the following.

$$\forall X0.\forall X1.(X1 = k1\_tarski\ X0) \Leftrightarrow (\forall X2.(X2 \in X1) \Leftrightarrow (X2 = X0)) \tag{4}$$

Theorem 1 $k6\_numbers \in k6\_domain\_1\ k1\_numbers\ k6\_numbers$.