l2_topalg_4 (TMTeFmSrCLdtd-vWAnAPhG5bgNH3vkuULo54)

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Let $np\_\_2 : \iota$ be given. Let $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np\_\_1 : \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.(X2 = k2\_tarski\ X0\ X1) \Leftrightarrow (\forall X3.\ (X3 \in X2) \Leftrightarrow ((X3 = X0) \vee (X3 = X1))) \tag{1}$$

Theorem 1 $np\_\_2 \in k2\_tarski\ np\_\_1\ np\_\_2$.