

l1\_topalg\_4 (TMao-  
HGAh8KKPfhGyM1Hk1kfNCUiqTMq4fhf)

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Let  $np_{-1} : \iota$  be given. Let  $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $np_{-2} : \iota$  be given. Assume the following.

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

**Theorem 1**  $np_{-1} \in k2\_tarski np_{-1} np_{-2}$ .