

t95\_intpro\_1  
(TMFb1DMSrAemexYpdkyg5kYzgMQ9MySz5T3)

October 27, 2020

Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k8\_intpro\_1 : \iota$  be given. Let  $k14\_intpro\_1 : \iota$  be given. Let  $k12\_intpro\_1 : \iota$  be given. Assume the following.

$$r1\_tarski \ k12\_intpro\_1 \ k14\_intpro\_1 \tag{1}$$

Assume the following.

$$r1\_tarski \ k8\_intpro\_1 \ k12\_intpro\_1 \tag{2}$$

Assume the following.

$$\forall X0. \forall X1. (r1\_tarski \ X0 \ X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \tag{3}$$

**Theorem 1**  $r1\_tarski \ k8\_intpro\_1 \ k14\_intpro\_1$ .