

t3\_numbers  
(TMLW8WfLAmomo8QJL528c9UGXRjxfgeZ5VV)

October 27, 2020

Let  $r2\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k3\_numbers : \iota$  be given. Let  $k2\_numbers : \iota$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_numbers : \iota$  be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. ((r1\_tarski X0 X1) \wedge (r2\_xboole\_0 X1 X2)) \Rightarrow (r2\_xboole\_0 X0 X2) \quad (1)$$

Assume the following.

$$r2\_xboole\_0 k1\_numbers k2\_numbers \quad (2)$$

Assume the following.

$$r1\_tarski k3\_numbers k1\_numbers \quad (3)$$

**Theorem 1**  $r2\_xboole\_0 k3\_numbers k2\_numbers$ .