

l11\_robbins4 (TMLm-  
fVX1256GmvsQUZmMSjwzC6JngZuposz)

October 27, 2020

Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $np\_1 : \iota$  be given. Let  $np\_2 : \iota$  be given. Let  $k2\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_ordinal1 : \iota \Rightarrow \iota$  be given. Let  $k1\_tarski : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. r1\_tarski X0 (k2\_xboole\_0 X0 X1) \quad (1)$$

Assume the following.

$$k1\_ordinal1 np\_1 = np\_2 \quad (2)$$

Assume the following.

$$\forall X0. k1\_ordinal1 X0 = k2\_xboole\_0 X0 (k1\_tarski X0) \quad (3)$$

**Theorem 1**  $r1\_tarski np\_1 np\_2$ .