

t34\_cgames\_1  
(TMWUrF6k4eGmzboVhRCM3vWgg37SPheUH12)

October 27, 2020

Let  $v2\_cgames\_1 : \iota \Rightarrow o$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k8\_cgames\_1 : \iota \Rightarrow \iota$  be given. Let  $k10\_cgames\_1 : \iota \Rightarrow \iota$  be given. Let  $k11\_cgames\_1 : \iota \Rightarrow \iota$  be given. Let  $k4\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $r1\_xboole\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k6\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_tarski : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.(v2\_cgames\_1 X0) \Rightarrow (r1\_tarski (k8\_cgames\_1 X0) (k11\_cgames\_1 X0)) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.(r1\_tarski X0 (k4\_xboole\_0 X1 X2)) \Rightarrow ((r1\_tarski X0 X1) \wedge (r1\_xboole\_0 X0 X2)) \tag{2}$$

Assume the following.

$$\forall X0.\forall X1.k6\_subset\_1 X0 X1 = k4\_xboole\_0 X0 X1 \tag{3}$$

Assume the following.

$$\forall X0.(v2\_cgames\_1 X0) \Rightarrow (k11\_cgames\_1 X0 = k6\_subset\_1 (k10\_cgames\_1 X0) (k1\_tarski X0)) \tag{4}$$

**Theorem 1**

$$\forall X0.(v2\_cgames\_1 X0) \Rightarrow (r1\_tarski (k8\_cgames\_1 X0) (k10\_cgames\_1 X0))$$