

t27_sgraph1
(TMapiVGHQd8tWcszaL6PX3AUvRw1fytfLgo)

October 27, 2020

Let $r2_sgraph1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_sgraph1 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (r2_sgraph1 X0 X1) \Rightarrow (r1_tarski (k3_sgraph1 X0) X1) \quad (1)$$

Assume the following.

$$\forall X0. r2_sgraph1 X0 (k3_sgraph1 X0) \quad (2)$$

Theorem 1

$$\forall X0. (r2_sgraph1 X0 (k3_sgraph1 X0)) \wedge (\forall X1. (r2_sgraph1 X0 X1) \Rightarrow (r1_tarski (k3_sgraph1 X0) X1))$$