

t13_sysrel (TMdCooLaLfUU- JJYXkpvhBi6eW8ZQhJ2UBSA)

October 27, 2020

Let $k4_relat_1 : \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k16_funcop_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_partfun1 : \iota \Rightarrow \iota$ be given. Let $k1_wellord2 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. k16_funcop_1 X0 X0 = k6_partfun1 (k1_tarski X0) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k16_funcop_1 X0 X1 = k1_tarski (k4_tarski X0 X1) \quad (2)$$

Assume the following.

$$\forall X0. k1_wellord2 (k1_tarski X0) = k1_tarski (k4_tarski X0 X0) \quad (3)$$

Assume the following.

$$\forall X0. k6_partfun1 X0 = k4_relat_1 X0 \quad (4)$$

Theorem 1 $\forall X0. k4_relat_1 (k1_tarski X0) = k1_tarski (k4_tarski X0 X0)$.