

t79_funct_4

(TMPtwZ53LQLpFUKAFacats2MoWwvPyXW9WK)

October 27, 2020

Let $k17_funcop_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k16_funcop_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k13_funcop_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7_funcop_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. k17_funcop_1 X0 X1 X2 = k13_funcop_1 X0 X1 X2 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k16_funcop_1 X0 X1 = k7_funcop_1 (k1_tarski X0) X1 \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. k13_funcop_1 X0 X1 X2 = k7_funcop_1 (k1_tarski (k4_tarski X0 X1)) X2 \quad (3)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. k17_funcop_1 X0 X1 X2 = k16_funcop_1 (k4_tarski X0 X1) X2$$