

t57_enumset1
(TMV1MA4pd1ju16HrjCREddGpyNVsA1dETaA)

October 27, 2020

Let $k1_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_xboole.0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarSKI : \iota \Rightarrow \iota$ be given. Let $k2_tarSKI : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. k1_enumset1 X0 X1 X2 = k2_xboole.0 (k1_tarSKI X0) (k2_tarSKI X1 X2) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k2_tarSKI X0 X1 = k2_tarSKI X1 X0 \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. k1_enumset1 X0 X1 X2 = k1_enumset1 X0 X2 X1$$