

t53_enumset1 (TMWoeT- pYUdXKZA4AfarJUJC38b12UFxYQES)

October 27, 2020

Let $k6_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. \forall X3. k6_enumset1 X0 X0 X0 X0 X0 X1 X2 X3 = k2_enumset1 X0 X1 X2 X3 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. k2_enumset1 X0 X0 X1 X2 = k1_enumset1 X0 X1 X2 \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. k6_enumset1 X0 X0 X0 X0 X0 X0 X1 X2 = k1_enumset1 X0 X1 X2$$