

t40_enumset1 (TMLuGy-
GRNG86YDcT7dJ3FAFiptdqLNMNeLM)

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Let $k5_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. \forall X3. \forall X4. \forall X5. \\ k5_enumset1 X0 X0 X1 X2 X3 X4 X5 = k4_enumset1 X0 X1 X2 X3 X4 X5 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. \forall X3. \forall X4. k4_enumset1 \\ X0 X0 X1 X2 X3 X4 = k3_enumset1 X0 X1 X2 X3 X4 \quad (2)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. \forall X3. \forall X4. k5_enumset1 \\ X0 X0 X0 X1 X2 X3 X4 = k3_enumset1 X0 X1 X2 X3 X4$$