

t45_enumset1 (TMVzQMWfim-
cmmky7Q53eDwdutpTrgciPHUB)

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Let $k5_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.\forall X4.k5_enumset1 X0 X0 X0 X1 X2 X3 X4 = k3_enumset1 X0 X1 X2 X3 X4 \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.k3_enumset1 X0 X0 X1 X2 X3 = k2_enumset1 X0 X1 X2 X3 \quad (2)$$

Theorem 1

$$\forall X0.\forall X1.\forall X2.\forall X3.k5_enumset1 X0 X0 X0 X0 X1 X2 X3 = k2_enumset1 X0 X1 X2 X3$$