

t59\_enumset1  
(TMKEherUfSWscnYsR8HJAe6F<sub>x</sub>6kocXzfBpW)

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Let  $k1\_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.k1\_enumset1\ X0\ X1\ X2 = k1\_enumset1\ X1\ X0\ X2 \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.\forall X2.k1\_enumset1\ X0\ X1\ X2 = k1\_enumset1\ X0\ X2\ X1 \quad (2)$$

**Theorem 1**

$$\forall X0.\forall X1.\forall X2.k1\_enumset1\ X0\ X1\ X2 = k1\_enumset1\ X1\ X2\ X0$$