

t60_enumset1
(TMGp5qURtoUpXcNLRcBHPcR4aiDEnJTqVP7)

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

$$\forall X0.\forall X1.\forall X2.k1_enumset1\ X0\ X1\ X2 = k1_enumset1\ X1\ X2\ X0 \quad (1)$$

Assume the following.

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

Theorem 1

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