

t38_enumset1
(TMSC3SCVtWTHipM67JNYcDx62ZScHnPfFzz)

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Let $k3_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0. \forall X1. \forall X2. \forall X3. k3_enumset1\ X0\ X0 \\ X1\ X2\ X3 = k2_enumset1\ X0\ X1\ X2\ X3 \end{aligned} \tag{1}$$

Assume the following.

$$\begin{aligned} \forall X0. \forall X1. \forall X2. k2_enumset1\ X0\ X0\ X1\ X2 = k1_enumset1 \\ X0\ X1\ X2 \end{aligned} \tag{2}$$

Theorem 1

$$\begin{aligned} \forall X0. \forall X1. \forall X2. k3_enumset1\ X0\ X0\ X0\ X1\ X2 = k1_enumset1 \\ X0\ X1\ X2 \end{aligned}$$