

t62_enumset1 (TMFBtyn-
jVjt5cAzB3Hz5PW1GK2aYmwyC2vo)

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

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \forall X3. \forall X4. (X4 = k2_enumset1 \\ X0 X1 X2 X3) \Leftrightarrow & (\forall X5. (X5 \in X4 \Leftrightarrow (\neg (X5 \neq X0) \wedge (X5 \neq X1) \wedge ((X5 \neq X2) \wedge \\ & (X5 \neq X3)))))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \forall X3. k2_enumset1 X0 X1 \\ & X2 X3 = k2_enumset1 X0 X2 X1 X3 \end{aligned}$$