

t65_enumset1
(TMGXMx1kFMoNbZe2RpcGypErQiSE4nxEgXm)

October 27, 2020

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

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