

t3_enumset1
(TMFd5G1ptPTKLqiRGStju684CKwpH96BtqY)

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Let $k1_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2_tarSKI : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarSKI : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \forall X2. k2_xboole_0 (k2_xboole_0 X0 X1) X2 = k2_xboole_0 X0 (k2_xboole_0 X1 X2) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. k1_enumset1 X0 X1 X2 = k2_xboole_0 (k1_tarSKI X0) (k2_tarSKI X1 X2) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. k2_tarSKI X0 X1 = k2_xboole_0 (k1_tarSKI X0) (k1_tarSKI X1) \quad (3)$$

Theorem 1

$$\forall X0. \forall X1. \forall X2. k1_enumset1 X0 X1 X2 = k2_xboole_0 (k2_tarSKI X0 X1) (k1_tarSKI X2)$$