

t2_ami_6
(TMJUHNpensws9bL1NPGxgwh8UFJ5vAffdAu)

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Let $k5_xtuple_0 : \iota \Rightarrow \iota$ be given. Let $k2_compos_1 : \iota \Rightarrow \iota$ be given. Let $k1_ami_3 : \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k3_xtuple_0 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Assume the following.

$$k2_compos_1 \ k1_ami_3 = k3_xtuple_0 \ k6_numbers \ k1_xboole_0 \ k1_xboole_0 \tag{1}$$

Assume the following.

$$k6_numbers = k1_xboole_0 \tag{2}$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. k5_xtuple_0 \ (k3_xtuple_0 \ X0 \ X1 \ X2) = X1 \tag{3}$$

Theorem 1 $k5_xtuple_0 \ (k2_compos_1 \ k1_ami_3) = k1_xboole_0$.