

t14_kurato_1

(TMKeh61zLgTYjRKTHZdKYBfpRRzSin4o5Ud)

October 27, 2020

Let $k2_pre_topc : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_topmetr : \iota$ be given. Let $k3_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k6_kurato_1 : \iota$ be given. Let $k3_rcomp_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $k1_xxreal_0 : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $v1_xxreal_0 : \iota \Rightarrow o$ be given. Let $k2_rcomp_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_numbers : \iota$ be given. Let $v2_xxreal_0 : \iota \Rightarrow o$ be given. Let $m2_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $v1_xxreal_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0.(m1_subset_1 X0 (k1_zfmisc_1 (u1_struct_0 k3_topmetr))) \Rightarrow \\ (\forall X1.(v1_xxreal_0 X1) \Rightarrow ((X0 = k2_rcomp_1 X1 k1_xxreal_0) \Rightarrow \\ (k2_pre_topc k3_topmetr X0 = k3_rcomp_1 X1 k1_xxreal_0))) \end{aligned} \quad (1)$$

Assume the following.

$$u1_struct_0 k3_topmetr = k1_numbers \quad (2)$$

Assume the following.

$$\begin{aligned} k3_subset_1 (u1_struct_0 k3_topmetr) (k2_pre_topc k3_topmetr \\ (k3_subset_1 (u1_struct_0 k3_topmetr) (k2_pre_topc k3_topmetr \\ k6_kurato_1))) = k2_rcomp_1 np_2 k1_xxreal_0 \end{aligned} \quad (3)$$

Assume the following.

$$\begin{aligned} ((v2_xxreal_0 np_2) \wedge (m2_subset_1 np_2 k1_numbers k5_numbers)) \wedge \\ ((m1_subset_1 np_2 k5_numbers) \wedge (m1_subset_1 np_2 k1_numbers)) \end{aligned} \quad (4)$$

Assume the following.

$$v1_xxreal_0 k1_xxreal_0 \quad (5)$$

Assume the following.

$$\forall X0.\forall X1.((v1_xxreal_0 X0) \wedge (v1_xxreal_0 X1)) \Rightarrow (\\ m1_subset_1 (k2_rcomp_1 X0 X1) (k1_zfmisc_1 k1_numbers)) \quad (6)$$

Assume the following.

$$\forall X0.(v1_xreal_0 X0) \Rightarrow (v1_xxreal_0 X0) \quad (7)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 k1_numbers) \Rightarrow (v1_xreal_0 X0) \quad (8)$$

Theorem 1

$$\begin{aligned} & k2_pre_topc \ k3_topmetr \ (k3_subset_1 \ (u1_struct_0 \ k3_topmetr) \\ & (k2_pre_topc \ k3_topmetr \ (k3_subset_1 \ (u1_struct_0 \ k3_topmetr) \\ & (k2_pre_topc \ k3_topmetr \ k6_kurato.1)))) = k3_rcomp_1 \ np_2 \ k1_xxreal_0 \end{aligned}$$