

t26_kurato_1

(TMJmKVr1fnFmz3NG8BVU4nWJoLxSUTDSHUS)

October 27, 2020

Let $k1_tops_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_topmetr : \iota$ be given. Let $k2_pre_topc : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_kurato_1 : \iota$ be given. Let $k2_rcomp_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $k1_xxreal_0 : \iota$ be given. Let $k3_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $v2_pre_topc : \iota \Rightarrow o$ be given. Let $l1_pre_topc : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} & k3_subset_1 (u1_struct_0 k3_topmetr) (k2_pre_topc k3_topmetr \\ & (k3_subset_1 (u1_struct_0 k3_topmetr) (k2_pre_topc k3_topmetr \\ & k6_kurato_1))) = k2_rcomp_1 np_2 k1_xxreal_0 \end{aligned} \quad (1)$$

Assume the following.

$$m1_subset_1 k6_kurato_1 (k1_zfmisc_1 (u1_struct_0 k3_topmetr)) \quad (2)$$

Assume the following.

$$(v2_pre_topc k3_topmetr) \wedge (l1_pre_topc k3_topmetr) \quad (3)$$

Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. ((l1_pre_topc X0) \wedge (m1_subset_1 X1 (k1_zfmisc_1 \\ & (u1_struct_0 X0)))) \Rightarrow (m1_subset_1 (k2_pre_topc X0 X1) (k1_zfmisc_1 \\ & (u1_struct_0 X0))) \end{aligned} \quad (4)$$

Assume the following.

$$\begin{aligned} & \forall X0. (l1_pre_topc X0) \Rightarrow (\forall X1. (m1_subset_1 X1 (k1_zfmisc_1 \\ & (u1_struct_0 X0))) \Rightarrow (k1_tops_1 X0 X1 = k3_subset_1 (u1_struct_0 \\ & X0) (k2_pre_topc X0 (k3_subset_1 (u1_struct_0 X0) X1)))) \end{aligned} \quad (5)$$

Theorem 1

$$k1_tops_1 k3_topmetr (k2_pre_topc k3_topmetr k6_kurato_1) = k2_rcomp_1 np_2 k1_xxreal_0$$