

t32_kurato_1 (TMULxS- CAp3uaWog6RNHrgNitGSt3nNuqh7D)

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

$$\begin{aligned} & \forall X0.((v2_pre_topc X0) \wedge (l1_pre_topc X0)) \Rightarrow (\forall X1. \\ & (m1_subset_1 X1 (k1_zfmisc_1 (u1_struct_0 X0))) \Rightarrow (k1_tops_1 X0 \\ & (k2_pre_topc X0 X1) = k1_tops_1 X0 (k2_pre_topc X0 (k1_tops_1 X0 \\ & (k2_pre_topc X0 X1)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} & k2_pre_topc k3_topmetr (k1_tops_1 k3_topmetr (k2_pre_topc k3_topmetr \\ & k6_kurato_1)) \neq k2_pre_topc k3_topmetr (k1_tops_1 k3_topmetr \\ & k6_kurato_1) \end{aligned} \quad (2)$$

Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. ((l1_pre_topc X0) \wedge (m1_subset_1 X1 (k1_zfmisc_1 \\ & (u1_struct_0 X0)))) \Rightarrow (k1_tops_1 X0 (k1_tops_1 X0 X1) = k1_tops_1 \\ & X0 X1) \end{aligned} \quad (3)$$

Assume the following.

$$m1_subset_1 k6_kurato_1 (k1_zfmisc_1 (u1_struct_0 k3_topmetr)) \quad (4)$$

Assume the following.

$$(v2_pre_topc k3_topmetr) \wedge (l1_pre_topc k3_topmetr) \quad (5)$$

Theorem 1

$$\begin{aligned} & k2_pre_topc k3_topmetr (k1_tops_1 k3_topmetr (k2_pre_topc k3_topmetr \\ & k6_kurato_1)) \neq k1_tops_1 k3_topmetr k6_kurato_1 \end{aligned}$$