

t23_kurato_1
(TMR3e2raZVDR9GcZgBD0H6AsXx3YAZ6vsu2)

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Let $k1_tops_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_topmetr : \iota$ be given. Let $k6_kurato_1 : \iota$ be given. Let $k4_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_numbers : \iota$ be given. Let $k2_rcomp_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_4 : \iota$ be given. Let $np_5 : \iota$ 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 $k2_pre_topc : \iota \Rightarrow \iota \Rightarrow \iota$ 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.

$$\begin{aligned} & k3_subset_1 (u1_struct_0 k3_topmetr) (k2_pre_topc k3_topmetr \\ & (k3_subset_1 (u1_struct_0 k3_topmetr) k6_kurato_1)) = k4_subset_1 \quad (1) \\ & k1_numbers (k2_rcomp_1 np_4 np_5) (k2_rcomp_1 np_5 k1_xxreal_0) \end{aligned}$$

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.

$$\begin{aligned} & \forall X0.(l1_pre_topc X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 \\ & (u1_struct_0 X0))) \Rightarrow (k1_tops_1 X0 X1 = k3_subset_1 (u1_struct_0 \\ & X0) (k2_pre_topc X0) (k3_subset_1 (u1_struct_0 X0) X1)))) \quad (4) \end{aligned}$$

Theorem 1

$$k1_tops_1 k3_topmetr k6_kurato_1 = k4_subset_1 k1_numbers (k2_rcomp_1 np_4 np_5) (k2_rcomp_1 np_5 k1_xxreal_0)$$