

t52_kurato_1
(TMRMrigTKwE6s4YAZBo1sqwpiNddvzpn59u)

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Let $r4_zfmisc.1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. 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 $k2_pre_topc : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $r1_zfmisc.1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1_subset.1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \forall X3. \forall X4. \forall X5. \\ & ((r1_zfmisc.1 X0 X1 X2) \wedge ((r1_zfmisc.1 X3 X4 X5) \wedge (r1_subset.1 (\\ & k1_enumset1 X0 X1 X2) (k1_enumset1 X3 X4 X5)))) \Rightarrow (r4_zfmisc.1 X0 \\ & X1 X2 X3 X4 X5) \end{aligned} \tag{1}$$

Assume the following.

$$\begin{aligned} & r1_subset.1 (k1_enumset1 (k1_tops.1 k3_topmetr k6_kurato.1) \\ & (k1_tops.1 k3_topmetr (k2_pre_topc k3_topmetr k6_kurato.1)) \\ & (k1_tops.1 k3_topmetr (k2_pre_topc k3_topmetr (k1_tops.1 k3_topmetr \\ & k6_kurato.1)))) (k1_enumset1 (k2_pre_topc k3_topmetr k6_kurato.1) \\ & (k2_pre_topc k3_topmetr (k1_tops.1 k3_topmetr k6_kurato.1)) \\ & (k2_pre_topc k3_topmetr (k1_tops.1 k3_topmetr (k2_pre_topc k3_topmetr \\ & k6_kurato.1)))) \end{aligned} \tag{2}$$

Assume the following.

$$\begin{aligned} & r1_zfmisc.1 (k2_pre_topc k3_topmetr k6_kurato.1) (k2_pre_topc \\ & k3_topmetr (k1_tops.1 k3_topmetr k6_kurato.1)) (k2_pre_topc \\ & k3_topmetr (k1_tops.1 k3_topmetr (k2_pre_topc k3_topmetr k6_kurato.1))) \end{aligned} \tag{3}$$

Assume the following.

$$\begin{aligned} & r1_zfmisc.1 (k1_tops.1 k3_topmetr k6_kurato.1) (k1_tops.1 k3_topmetr \\ & (k2_pre_topc k3_topmetr k6_kurato.1)) (k1_tops.1 k3_topmetr \\ & (k2_pre_topc k3_topmetr (k1_tops.1 k3_topmetr k6_kurato.1))) \end{aligned} \tag{4}$$

Theorem 1

$r4_zfmisc_1 (k1_tops_1 k3_topmetr k6_kurato_1) (k1_tops_1 k3_topmetr$
 $(k2_pre_topc k3_topmetr k6_kurato_1)) (k1_tops_1 k3_topmetr$
 $(k2_pre_topc k3_topmetr (k1_tops_1 k3_topmetr k6_kurato_1)))$
 $(k2_pre_topc k3_topmetr k6_kurato_1) (k2_pre_topc k3_topmetr$
 $(k1_tops_1 k3_topmetr k6_kurato_1)) (k2_pre_topc k3_topmetr$
 $(k1_tops_1 k3_topmetr (k2_pre_topc k3_topmetr k6_kurato_1)))$