

t54_kurato_1
(TMPNSn21i5Q3yKRDCRTjGDhyicrT3E9FJk4)

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Let $r5_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_kurato_1 : \iota$ be given. 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 $r4_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_enumset1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \forall X3. \forall X4. \forall X5. \\ & \forall X6. (r5_zfmisc_1 X0 X1 X2 X3 X4 X5 X6) \Rightarrow (r5_zfmisc_1 X6 X0 X1 \\ & \quad X2 X3 X4 X5) \end{aligned} \tag{1}$$

Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. \forall X3. \forall X4. \forall X5. \\ & \forall X6. ((r4_zfmisc_1 X0 X1 X2 X3 X4 X5) \wedge (r1_subset_1 (k4_enumset1 \\ & X0 X1 X2 X3 X4 X5) (k1_tarski X6))) \Rightarrow (r5_zfmisc_1 X0 X1 X2 X3 X4 X5 X6) \end{aligned} \tag{2}$$

Assume the following.

$$\begin{aligned} & r1_subset_1 (k4_enumset1 (k1_tops_1 k3_topmetr k6_kurato_1) \\ & \quad (k1_tops_1 k3_topmetr (k2_pre_topc k3_topmetr k6_kurato_1)) \\ & (k1_tops_1 k3_topmetr (k2_pre_topc k3_topmetr (k1_tops_1 k3_topmetr \\ & \quad k6_kurato_1))) (k2_pre_topc k3_topmetr k6_kurato_1) (k2_pre_topc \\ & \quad k3_topmetr (k1_tops_1 k3_topmetr k6_kurato_1)) (k2_pre_topc \\ & k3_topmetr (k1_tops_1 k3_topmetr (k2_pre_topc k3_topmetr k6_kurato_1)))) \\ & \quad (k1_tarski k6_kurato_1) \end{aligned} \tag{3}$$

Assume the following.

$$\begin{aligned} & r4_zfmisc_1 (k1_tops_1 k3_topmetr k6_kurato_1) (k1_tops_1 k3_topmetr \\ & \quad (k2_pre_topc k3_topmetr k6_kurato_1)) (k1_tops_1 k3_topmetr \\ & \quad (k2_pre_topc k3_topmetr (k1_tops_1 k3_topmetr k6_kurato_1))) \\ & (k2_pre_topc k3_topmetr k6_kurato_1) (k2_pre_topc k3_topmetr \\ & \quad (k1_tops_1 k3_topmetr k6_kurato_1)) (k2_pre_topc k3_topmetr \\ & \quad (k1_tops_1 k3_topmetr (k2_pre_topc k3_topmetr k6_kurato_1))) \end{aligned} \tag{4}$$

Theorem 1

r5_zfmisc_1 k6_kurato_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)))