t35_kurato_1 (TMJWQ7uzWKy5oYWA2eUMzfJHAtSMXf8fGqs)

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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 $l1\_pre\_topc : \iota \Rightarrow o$ 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. Let $v2\_pre\_topc : \iota \Rightarrow o$ be given. Assume the following.

$$k2\_pre\_topc\ k3\_topmetr\ (k1\_tops\_1\ k3\_topmetr\ (k2\_pre\_topc\ k3\_topmetr\ k6\_kurato\_1)) \neq k1\_tops\_1\ k3\_topmetr\ (k2\_pre\_topc\ k3\_topmetr\ k6\_kurato\_1) \tag{1}$$

Assume the following.

$$\forall X0.\forall X1.((l1\_pre\_topc\ X0) \wedge (m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (u1\_struct\_0\ X0)))) \Rightarrow (k2\_pre\_topc\ X0\ (k2\_pre\_topc\ X0\ X1) = k2\_pre\_topc\ X0\ X1) \tag{2}$$

Assume the following.

$$m1\_subset\_1\ k6\_kurato\_1\ (k1\_zfmisc\_1\ (u1\_struct\_0\ k3\_topmetr)) \tag{3}$$

Assume the following.

$$(v2\_pre\_topc\ k3\_topmetr) \wedge (l1\_pre\_topc\ k3\_topmetr) \tag{4}$$

Assume the following.

$$\forall X0.\forall X1.((l1\_pre\_topc\ X0) \wedge (m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (u1\_struct\_0\ X0)))) \Rightarrow (m1\_subset\_1\ (k1\_tops\_1\ X0\ X1)\ (k1\_zfmisc\_1\ (u1\_struct\_0\ X0))) \tag{5}$$

Theorem 1

$$k1\_tops\_1\ k3\_topmetr\ (k2\_pre\_topc\ k3\_topmetr\ k6\_kurato\_1) \neq k2\_pre\_topc\ k3\_topmetr\ (k1\_tops\_1\ k3\_topmetr\ k6\_kurato\_1)$$