

t46\_kurato\_1  
(TMRbWE83SnSw1UGXjseS81QzybxXMzy6Zf6)

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Let  $r1_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$  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. Assume the following.

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

Assume the following.

$$k1\_tops\_1 \ k3\_topmetr \ (k2\_pre\_topc \ k3\_topmetr \ k6\_kurato\_1) \neq k1\_tops\_1 \ k3\_topmetr \ (k2\_pre\_topc \ k3\_topmetr \ (k1\_tops\_1 \ k3\_topmetr \ k6\_kurato\_1)) \quad (2)$$

Assume the following.

$$k2\_pre\_topc \ k3\_topmetr \ (k1\_tops\_1 \ k3\_topmetr \ (k2\_pre\_topc \ k3\_topmetr \ k6\_kurato\_1)) \neq k2\_pre\_topc \ k3\_topmetr \ (k1\_tops\_1 \ k3\_topmetr \ k6\_kurato\_1) \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. (r1_zfmisc_1 \ X0 \ X1 \ X2) \Leftrightarrow ((X0 \neq X1) \wedge ((X0 \neq X2) \wedge (X1 \neq X2))) \quad (4)$$

**Theorem 1**

$$r1_zfmisc_1 \ (k1\_tops\_1 \ k3\_topmetr \ k6\_kurato\_1) \ (k1\_tops\_1 \ k3\_topmetr \ (k2\_pre\_topc \ k3\_topmetr \ k6\_kurato\_1)) \ (k1\_tops\_1 \ k3\_topmetr \ (k2\_pre\_topc \ k3\_topmetr \ (k1\_tops\_1 \ k3\_topmetr \ k6\_kurato\_1)))$$