

t30_topgen_3
(TMHn3xLtEXVvKkYBQFQRrN1D3SQ5kVZjwLB)

October 27, 2020

Let $k4_ordinal1 : \iota$ be given. Let $k3_topgen_3 : \iota$ be given. Let $k1_card_1 : \iota \Rightarrow \iota$ be given. Let $k3_card_2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k5_numbers : \iota$ be given. Assume the following.

$$k1_card_1 \ k4_ordinal1 = k4_ordinal1 \quad (1)$$

Assume the following.

$$\forall X0. k3_card_2 \ np_2 \ (k1_card_1 \ X0) = k1_card_1 \ (k1_zfmisc_1 \ X0) \quad (2)$$

Assume the following.

$$k3_topgen_3 = k3_card_2 \ np_2 \ k4_ordinal1 \quad (3)$$

Assume the following.

$$\forall X0. k1_card_1 \ X0 \in k1_card_1 \ (k1_zfmisc_1 \ X0) \quad (4)$$

Assume the following.

$$k5_numbers = k4_ordinal1 \quad (5)$$

Theorem 1 $k4_ordinal1 \in k3_topgen_3$.