

t9_prob_1

(TMTFzRm6nnEisbJLDTcZoZ4hMHtdKi8yJhF)

October 27, 2020

Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $k9_setfam_1 : \iota \Rightarrow \iota$ be given. Let $v2_finsub_1 : \iota \Rightarrow o$ be given. Let $v1_prob_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. k9_setfam_1 X0 = k1_zfmisc_1 X0 \quad (1)$$

Assume the following.

$$\forall X0. v1_prob_1 (k1_zfmisc_1 X0) X0 \quad (2)$$

Assume the following.

$$\forall X0. \neg v1_xboole_0 (k1_zfmisc_1 X0) \quad (3)$$

Assume the following.

$$\forall X0. v2_finsub_1 (k1_zfmisc_1 X0) \quad (4)$$

Assume the following.

$$\forall X0. m1_subset_1 (k9_setfam_1 X0) (k1_zfmisc_1 (k1_zfmisc_1 X0)) \quad (5)$$

Theorem 1

$$\forall X0. (\neg v1_xboole_0 (k9_setfam_1 X0)) \wedge ((v2_finsub_1 (k9_setfam_1 X0)) \wedge ((v1_prob_1 (k9_setfam_1 X0) X0) \wedge (m1_subset_1 (k9_setfam_1 X0) (k1_zfmisc_1 (k1_zfmisc_1 X0)))))$$