

t28_mesfunc2

(TMcZw1G2AtMHA6Pciqkk1uWHxrfsdQ7N9ea)

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Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $v1_prob_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v4_prob_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $v3_valued_0 : \iota \Rightarrow o$ be given. Let $k3_mesfunc2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7_rfunct_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_funct_3 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v3_membered : \iota \Rightarrow o$ be given. Let $k1_numbers : \iota$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. k7_rfunct_1 X0 X1 = k4_funct_3 X0 X1 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. k3_mesfunc2 X0 X1 = k4_funct_3 X0 X1 \quad (2)$$

Assume the following.

$$v3_membered k1_numbers \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. (v1_funct_1 (k7_rfunct_1 X0 X1)) \wedge (m1_subset_1 (k7_rfunct_1 X0 X1) (k1_zfmisc_1 (k2_zfmisc_1 X1 k1_numbers))) \quad (4)$$

Assume the following.

$$\forall X0. \forall X1. (v3_membered X1) \Rightarrow (\forall X2. (m1_subset_1 X2 (k1_zfmisc_1 (k2_zfmisc_1 X0 X1))) \Rightarrow (v3_valued_0 X2)) \quad (5)$$

Theorem 1

$$\forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\forall X1. ((\neg v1_xboole_0 X1) \wedge ((v1_prob_1 X1 X0) \wedge ((v4_prob_1 X1 X0) \wedge (m1_subset_1 X1 (k1_zfmisc_1 (k1_zfmisc_1 X0)))))) \Rightarrow (\forall X2. (m1_subset_1 X2 X1) \Rightarrow (v3_valued_0 (k3_mesfunc2 X2 X0))))$$