

t41_measure6

(TMJ5bnD8uCzp2WSBNNLkPBLp3Y8XGxXJSmg)

October 27, 2020

Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k1_numbers : \iota$ be given. Let $v4_xxreal_2 : \iota \Rightarrow o$ be given. Let $v3_xxreal_2 : \iota \Rightarrow o$ be given. Let $k4_measure6 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1_subset_1 X0 (k1_zfmisc_1 k1_numbers)) \Rightarrow ((v3_xxreal_2 X0) \Rightarrow (v4_xxreal_2 (k4_measure6 X0))) \quad (1)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 (k1_zfmisc_1 k1_numbers)) \Rightarrow ((v4_xxreal_2 X0) \Rightarrow (v3_xxreal_2 (k4_measure6 X0))) \quad (2)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 (k1_zfmisc_1 k1_numbers)) \Rightarrow (k4_measure6 (k4_measure6 X0) = X0) \quad (3)$$

Assume the following.

$$\forall X0.(m1_subset_1 X0 (k1_zfmisc_1 k1_numbers)) \Rightarrow (m1_subset_1 (k4_measure6 X0) (k1_zfmisc_1 k1_numbers)) \quad (4)$$

Theorem 1

$$\forall X0.(m1_subset_1 X0 (k1_zfmisc_1 k1_numbers)) \Rightarrow ((v4_xxreal_2 X0) \Leftrightarrow (v3_xxreal_2 (k4_measure6 X0)))$$