

t4_abian
(TMQ64SsyrFtcy8gVKQk6FPX2boirpqGJnjR)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $v3_abian : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_setfam_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. k3_tarski (k1_zfmisc_1 X0) = X0 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 (k1_zfmisc_1 X0))) \Rightarrow (k5_setfam_1 X0 X1 = k3_tarski X1) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X1 X0) \Rightarrow ((v3_abian X1 X0) \Leftrightarrow (k3_tarski X1 = k3_tarski (k3_tarski X0))) \quad (3)$$

Theorem 1

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 (k1_zfmisc_1 X0))) \Rightarrow ((v3_abian X1 (k1_zfmisc_1 (k1_zfmisc_1 X0))) \Leftrightarrow (k5_setfam_1 X0 X1 = X0))$$