

t82_flang_3
(TMMtrWjTBs6v6oULZKee5uyK9qsw3Ytzifn)

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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 $k8_afinsq_1 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2_flang_3 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 (k8_afinsq_1 X0))) \Rightarrow (k2_flang_3 X0 (k2_flang_3 X0 X1) = k2_flang_3 X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 (k8_afinsq_1 X0))) \Rightarrow (\forall X2. (m1_subset_1 X2 (k1_zfmisc_1 (k8_afinsq_1 X0))) \Rightarrow ((r1_tarski X1 X2) \Rightarrow (r1_tarski (k2_flang_3 X0 X1) (k2_flang_3 X0 X2)))) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 (k8_afinsq_1 X0))) \Rightarrow (m1_subset_1 (k2_flang_3 X0 X1) (k1_zfmisc_1 (k8_afinsq_1 X0))) \quad (3)$$

Theorem 1

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 (k8_afinsq_1 X0))) \Rightarrow (\forall X2. (m1_subset_1 X2 (k1_zfmisc_1 (k8_afinsq_1 X0))) \Rightarrow ((r1_tarski X1 (k2_flang_3 X0 X2)) \Rightarrow (r1_tarski (k2_flang_3 X0 X1) (k2_flang_3 X0 X2))))$$