

t15_finset_1

(TMZiLo8eFmZCYfJUVXjzLBY17Nhos9QWooB)

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Let $v1_finset_1 : \iota \Rightarrow o$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k2_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \neg (X0 \in k2_zfmisc_1 X1 X0) \wedge (\forall X2. \neg (X2 \in X1) \wedge (X0 = k4_tarski X2 (k1_tarski X2))) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. v1_finset_1 (k2_tarski X0 X1) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. k4_tarski X0 X1 = k2_tarski (k2_tarski X0 X1) (k1_tarski X0) \quad (3)$$

Theorem 1 $\forall X0. \forall X1. \neg (\neg v1_finset_1 X0) \wedge (X0 \in k2_zfmisc_1 X1 X0)$.