

t7_finset_1
(TMc1UzazAoutG9kawNi2P59aT7C4Qtq7ovt)

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Let $v1_finset_1 : \iota \Rightarrow o$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. r1_tarski X0 (k1_zfmisc_1 (k3_tarski X0)) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. ((r1_tarski X0 X1) \wedge (v1_finset_1 X1)) \Rightarrow (v1_finset_1 X0) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (r1_tarski X0 (k3_tarski X1)) \quad (3)$$

Assume the following.

$$\forall X0. ((v1_finset_1 X0) \wedge (\forall X1. (X1 \in X0) \Rightarrow (v1_finset_1 X1))) \Rightarrow (v1_finset_1 (k3_tarski X0)) \quad (4)$$

Assume the following.

$$\forall X0. (v1_finset_1 X0) \Rightarrow (v1_finset_1 (k1_zfmisc_1 X0)) \quad (5)$$

Theorem 1

$$\forall X0. ((v1_finset_1 X0) \wedge (\forall X1. (X1 \in X0) \Rightarrow (v1_finset_1 X1))) \Leftrightarrow (v1_finset_1 (k3_tarski X0))$$