

t13_sgraph1
(TMKdV8Q3JXCVzYH5w7yYPiymzp6GLpLzKDu)

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Let $v1_finset.1 : \iota \Rightarrow o$ be given. Let $k2_sgraph1 : \iota \Rightarrow \iota$ be given. Let $r1_tarSKI : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc.1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. r1_tarSKI (k2_sgraph1 X0) (k1_zfmisc.1 X0) \quad (1)$$

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.

$$\forall X0. (v1_finset.1 X0) \Rightarrow (v1_finset.1 (k1_zfmisc.1 X0)) \quad (3)$$

Theorem 1 $\forall X0. (v1_finset.1 X0) \Rightarrow (v1_finset.1 (k2_sgraph1 X0)).$