

l64_fomodel0
(TMXA4RpeKLxq6AaycD3sybACb9SssU5doSH)

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Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $k1_relat_1 : \iota \Rightarrow \iota$ be given. Let $k18_finseq_1 : \iota \Rightarrow \iota$ be given. Let $r1_tarSKI : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v1_relat_1 X0) \Rightarrow (r1_tarSKI X0 (k18_finseq_1 X0)) \quad (1)$$

Assume the following.

$$\forall X0.(v1_relat_1 X0) \Rightarrow (\forall X1.(v1_relat_1 X1) \Rightarrow ((r1_tarSKI X0 X1) \Rightarrow (r1_tarSKI (k1_relat_1 X0) (k1_relat_1 X1)))) \quad (2)$$

Assume the following.

$$\forall X0.(v1_relat_1 X0) \Rightarrow (r1_tarSKI (k1_relat_1 (k18_finseq_1 X0)) (k1_relat_1 X0)) \quad (3)$$

Assume the following.

$$\forall X0.(v1_relat_1 X0) \Rightarrow (v1_relat_1 (k18_finseq_1 X0)) \quad (4)$$

Assume the following.

$$\forall X0.\forall X1.(X0 = X1) \Leftrightarrow ((r1_tarSKI X0 X1) \wedge (r1_tarSKI X1 X0)) \quad (5)$$

Theorem 1

$$\forall X0.(v1_relat_1 X0) \Rightarrow (k1_relat_1 (k18_finseq_1 X0) = k1_relat_1 X0)$$