

t52_afinsq_2
(TMdoic5Ah3pQ1pJtss4uhCgNU4CzR3M9Wem)

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Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v5_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_valued_0 : \iota \Rightarrow o$ be given. Let $v1_finset_1 : \iota \Rightarrow o$ be given. Let $k1_xboole_0 : \iota$ be given. Let $k7_afinsq_2 : \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Assume the following.

$$k6_numbers = k1_xboole_0 \tag{1}$$

Assume the following.

$$\forall X0.(v1_xboole_0 X0) \Rightarrow (X0 = k1_xboole_0) \tag{2}$$

Assume the following.

$$\forall X0.((v1_relat_1 X0) \wedge ((v1_funct_1 X0) \wedge ((v1_xboole_0 X0) \wedge ((v5_ordinal1 X0) \wedge ((v1_valued_0 X0) \wedge (v1_finset_1 X0)))))) \Rightarrow (v1_xboole_0 (k7_afinsq_2 X0)) \tag{3}$$

Assume the following.

$$v1_xboole_0 k1_xboole_0 \tag{4}$$

Theorem 1

$$\forall X0.((v1_relat_1 X0) \wedge ((v1_funct_1 X0) \wedge ((v5_ordinal1 X0) \wedge ((v1_valued_0 X0) \wedge (v1_finset_1 X0)))))) \Rightarrow ((X0 = k1_xboole_0) \Rightarrow (k7_afinsq_2 X0 = k6_numbers))$$