

t13_ami_3

(TMUydmYjf27y9HSedJKHqsuUiUZeB4qjBWF)

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Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $k4_struct_0 : \iota \Rightarrow \iota$ be given. Let $k1_ami_3 : \iota$ be given. Let $k10_ami_3 : \iota \Rightarrow \iota$ be given. Let $k5_numbers : \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Let $v1_finset_1 : \iota \Rightarrow o$ be given. Let $k2_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Assume the following.

$$k4_struct_0 \ k1_ami_3 = k5_numbers \quad (1)$$

Assume the following.

$$k5_numbers = k4_ordinal1 \quad (2)$$

Assume the following.

$$\neg v1_finset_1 \ k4_ordinal1 \quad (3)$$

Assume the following.

$$\forall X0. \forall X1. v1_finset_1 \ (k2_tarski \ X0 \ X1) \quad (4)$$

Assume the following.

$$\forall X0. \forall X1. k4_tarski \ X0 \ X1 = k2_tarski \ (k2_tarski \ X0 \ X1) \ (k1_tarski \ X0) \quad (5)$$

Assume the following.

$$\forall X0. (v7_ordinal1 \ X0) \Rightarrow (k10_ami_3 \ X0 = k4_tarski \ np_1 \ X0) \quad (6)$$

Assume the following.

$$\forall X0. \forall X1. k2_tarski \ X0 \ X1 = k2_tarski \ X1 \ X0 \quad (7)$$

Assume the following.

$$\forall X0. (v7_ordinal1 \ X0) \Rightarrow (v1_finset_1 \ X0) \quad (8)$$

Theorem 1

$$\forall X0. (v7_ordinal1 \ X0) \Rightarrow ((k4_struct_0 \ k1_ami_3 \neq k10_ami_3 \ X0) \wedge (k4_struct_0 \ k1_ami_3 \neq X0))$$