

t82_scmpds_2
(TMR9369bZQuHHeTxTCRkhkrmYRM2DcNuJWt)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_numbers : \iota$ be given. Let $k4_struct_0 : \iota \Rightarrow \iota$ be given. Let $k1_scmpds_2 : \iota$ be given. Let $k10_ami_3 : \iota \Rightarrow \iota$ be given. Let $k1_ami_3 : \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $k4_ordinal1 : \iota$ be given. Assume the following.

$$k4_struct_0 \ k1_scmpds_2 = k5_numbers \quad (1)$$

Assume the following.

$$k4_struct_0 \ k1_ami_3 = k5_numbers \quad (2)$$

Assume the following.

$$\forall X0. (v7_ordinal1 \ X0) \Rightarrow ((k4_struct_0 \ k1_ami_3 \neq k10_ami_3 \ X0) \wedge (k4_struct_0 \ k1_ami_3 \neq X0)) \quad (3)$$

Assume the following.

$$k5_numbers = k4_ordinal1 \quad (4)$$

Assume the following.

$$\forall X0. (m1_subset_1 \ X0 \ k4_ordinal1) \Rightarrow (v7_ordinal1 \ X0) \quad (5)$$

Theorem 1

$$\forall X0. (m1_subset_1 \ X0 \ k5_numbers) \Rightarrow (k4_struct_0 \ k1_scmpds_2 \neq k10_ami_3 \ X0)$$