

t8_scmfsa_2 (TMJ- MAfrMa1nKPropXBTv3D2JTUAtNAwPbD)

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Let $v1_ami_2 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k1_scmfsa_2 : \iota$ be given. Let $k5_numbers : \iota$ be given. Let $k4_scmfsa_2 : \iota \Rightarrow \iota$ be given. Let $k8_struct_0 : \iota \Rightarrow \iota$ be given. Let $k1_ami_3 : \iota$ be given. Let $k2_ami_2 : \iota$ be given. Let $k10_ami_3 : \iota \Rightarrow \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Assume the following.

$$k8_struct_0 \ k1_ami_3 = k2_ami_2 \tag{1}$$

Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (m1_subset_1 \ X0 \ X1) \tag{2}$$

Assume the following.

$$\begin{aligned} \forall X0. ((v1_ami_2 \ X0) \wedge (m1_subset_1 \ X0 \ (u1_struct_0 \ k1_ami_3))) \Rightarrow \\ (\exists X1. (m1_subset_1 \ X1 \ k5_numbers) \wedge (X0 = k10_ami_3 \ X1)) \end{aligned} \tag{3}$$

Assume the following.

$$k5_numbers = k4_ordinal1 \tag{4}$$

Assume the following.

$$\forall X0. (m1_subset_1 \ X0 \ (k8_struct_0 \ k1_ami_3)) \Rightarrow ((v1_ami_2 \ X0) \wedge (m1_subset_1 \ X0 \ (u1_struct_0 \ k1_ami_3))) \tag{5}$$

Assume the following.

$$\forall X0. (v7_ordinal1 \ X0) \Rightarrow (k4_scmfsa_2 \ X0 = k10_ami_3 \ X0) \tag{6}$$

Assume the following.

$$\forall X0. (v1_ami_2 \ X0) \Leftrightarrow (X0 \in k2_ami_2) \tag{7}$$

Assume the following.

$$\forall X0. (m1_subset_1 \ X0 \ k4_ordinal1) \Rightarrow (v7_ordinal1 \ X0) \tag{8}$$

Theorem 1

$$\begin{aligned} \forall X0. ((v1_ami_2 \ X0) \wedge (m1_subset_1 \ X0 \ (u1_struct_0 \ k1_scmfsa_2))) \Rightarrow \\ (\exists X1. (m1_subset_1 \ X1 \ k5_numbers) \wedge (X0 = k4_scmfsa_2 \ X1)) \end{aligned}$$