

t10_scmfsa_2
(TMW4wLSpj68qhm87yRpXt3RiFnDhhtiCob5)

October 27, 2020

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 $k1_ami_3 : \iota$ be given. Let $k8_struct_0 : \iota \Rightarrow \iota$ be given. Let $k2_ami_2 : \iota$ be given. Assume the following.

$$k8_struct_0 \ k1_ami_3 = k2_ami_2 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (m1_subset_1 \ X0 \ X1) \quad (2)$$

Assume the following.

$$\forall X0. (m1_subset_1 \ X0 \ (k8_struct_0 \ k1_ami_3)) \Rightarrow ((v1_ami_2 \ X0) \wedge (m1_subset_1 \ X0 \ (u1_struct_0 \ k1_ami_3))) \quad (3)$$

Assume the following.

$$\forall X0. (v1_ami_2 \ X0) \Leftrightarrow (X0 \in k2_ami_2) \quad (4)$$

Theorem 1

$$\forall X0. ((v1_ami_2 \ X0) \wedge (m1_subset_1 \ X0 \ (u1_struct_0 \ k1_scmfsa_2))) \Rightarrow ((v1_ami_2 \ X0) \wedge (m1_subset_1 \ X0 \ (u1_struct_0 \ k1_ami_3)))$$