

t87_scmfsa_2 (TMXG-
gCd79VAJqwdr7b37ZZK7BiXw9uY7MWL)

October 27, 2020

Let $m1_scmfsa_2 : \iota \Rightarrow o$ be given. 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 $v2_extpro_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k14_scmfsa_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_3 : \iota$ be given. Assume the following.

$$\begin{aligned} & \forall X0. \forall X1. \forall X2. (((v1_ami_2 X0) \wedge (m1_subset_1 \\ & X0 (u1_struct_0 k1_scmfsa_2))) \wedge ((m1_scmfsa_2 X1) \wedge ((v1_ami_2 \\ & X2) \wedge (m1_subset_1 X2 (u1_struct_0 k1_scmfsa_2)))))) \Rightarrow (\neg v2_extpro_1 \\ & (k14_scmfsa_2 X0 X2 X1) np_3 k1_scmfsa_2) \end{aligned} \quad (1)$$

Theorem 1

$$\begin{aligned} & \forall X0. (m1_scmfsa_2 X0) \Rightarrow (\forall X1. ((v1_ami_2 X1) \wedge (m1_subset_1 \\ & X1 (u1_struct_0 k1_scmfsa_2))) \Rightarrow (\forall X2. ((v1_ami_2 X2) \wedge \\ & m1_subset_1 X2 (u1_struct_0 k1_scmfsa_2))) \Rightarrow (\neg v2_extpro_1 (k14_scmfsa_2 \\ & X1 X2 X0) np_3 k1_scmfsa_2))) \end{aligned}$$