

t58_scmfsa_2

(TMafSojJ3vj2G9VMUCg2fQJi9V4v4zQV2oq)

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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 $m1_scmfsa_2 : \iota \Rightarrow o$ be given. Let $k4_numbers : \iota$ be given. Let $k3_finseq_2 : \iota \Rightarrow \iota$ be given. Let $k4_memstr_0 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_3 : \iota$ be given. Assume the following.

$$k4_numbers \neq k3_finseq_2 \ k4_numbers \quad (1)$$

Assume the following.

$$\forall X0. (m1_scmfsa_2 \ X0) \Rightarrow (k4_memstr_0 \ np_3 \ k1_scmfsa_2 \ X0 = k3_finseq_2 \ k4_numbers) \quad (2)$$

Assume the following.

$$\forall X0. ((v1_ami_2 \ X0) \wedge (m1_subset_1 \ X0 \ (u1_struct_0 \ k1_scmfsa_2))) \Rightarrow (k4_memstr_0 \ np_3 \ k1_scmfsa_2 \ X0 = k4_numbers) \quad (3)$$

Theorem 1

$$\forall X0. ((v1_ami_2 \ X0) \wedge (m1_subset_1 \ X0 \ (u1_struct_0 \ k1_scmfsa_2))) \Rightarrow (\forall X1. (m1_scmfsa_2 \ X1) \Rightarrow (X0 \neq X1))$$