

t50_tex_3

(TMHx9oL9B8aUcs2uHwhNBPZHNVpUQEYg6v4)

October 27, 2020

Let $v2_struct_0 : \iota \Rightarrow o$ be given. Let $v2_pre_topc : \iota \Rightarrow o$ be given. Let $l1_pre_topc : \iota \Rightarrow o$ be given. Let $m1_pre_topc : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_tex_3 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_tex_2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_tdlat_3 : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0.((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge (v1_tdlat_3 \\ X0) \wedge (l1_pre_topc X0))) \Rightarrow (\forall X1.(m1_pre_topc X1 X0) \Rightarrow ((v1_tex_2 \\ X1 X0) \Rightarrow (\neg v1_tex_3 X1 X0))) \end{aligned} \quad (1)$$

Theorem 1

$$\begin{aligned} \forall X0.((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge (l1_pre_topc \\ X0))) \Rightarrow (\neg (\exists X1.((\neg v2_struct_0 X1) \wedge (m1_pre_topc X1 X0)) \wedge \\ ((v1_tex_3 X1 X0) \wedge (v1_tex_2 X1 X0))) \wedge (v1_tdlat_3 X0)) \end{aligned}$$