

t49_tex_3

(TMMUK2gLgDJg6YB1wfaDTzuyLiiwSaHF8gt)

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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 $v3_tex_3 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1_tdlat_3 : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0. ((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge ((v1_tdlat_3 \\ X0) \wedge (l1_pre_topc X0)))) \Rightarrow (\forall X1. (m1_pre_topc X1 X0) \Rightarrow ((\neg \\ v2_struct_0 X1) \Rightarrow ((\neg v2_struct_0 X1) \wedge (\neg v3_tex_3 X1 X0)))) \end{aligned} \quad (1)$$

Theorem 1

$$\begin{aligned} \forall X0. ((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge (l1_pre_topc \\ X0))) \Rightarrow (\neg (\exists X1. ((\neg v2_struct_0 X1) \wedge (m1_pre_topc X1 X0)) \wedge \\ (v3_tex_3 X1 X0)) \wedge (v1_tdlat_3 X0)) \end{aligned}$$