

t59_tex_3

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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 $v1_borsuk_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v3_tdlat_3 : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0. ((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge ((v3_tdlat_3 \\ X0) \wedge (l1_pre_topc X0)))) \Rightarrow (\forall X1. (m1_pre_topc X1 X0) \Rightarrow (((\\ \neg v2_struct_0 X1) \wedge (v3_tex_3 X1 X0)) \Rightarrow ((\neg v2_struct_0 X1) \wedge (\neg v1_borsuk_1 \\ X1 X0)))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} \forall X0. ((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge (l1_pre_topc \\ X0))) \Rightarrow (\neg (\exists X1. ((\neg v2_struct_0 X1) \wedge (m1_pre_topc X1 X0)) \wedge \\ ((v3_tex_3 X1 X0) \wedge (v1_borsuk_1 X1 X0))) \wedge (v3_tdlat_3 X0)) \end{aligned}$$