

t5_yellow13

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Let $v2_struct_0 : \iota \Rightarrow o$ be given. Let $v2_pre_topc : \iota \Rightarrow o$ be given. Let $v1_tdlat_3 : \iota \Rightarrow o$ be given. Let $l1_pre_topc : \iota \Rightarrow o$ be given. Let $v7_pre_topc : \iota \Rightarrow o$ be given. Let $v8_pre_topc : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. ((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge ((v1_tdlat_3 X0) \wedge (l1_pre_topc X0)))) \Rightarrow (v8_pre_topc X0) \quad (1)$$

Assume the following.

$$\forall X0. (l1_pre_topc X0) \Rightarrow ((v8_pre_topc X0) \Rightarrow (v7_pre_topc X0)) \quad (2)$$

Theorem 1

$$\forall X0. ((\neg v2_struct_0 X0) \wedge ((v2_pre_topc X0) \wedge ((v1_tdlat_3 X0) \wedge (l1_pre_topc X0)))) \Rightarrow (v7_pre_topc X0)$$