

t7_fomodel1
(TMN3B7wDpGFJn9u3jcrec64Gs4hW2hciVVG)

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Let $v6_struct_0 : \iota \Rightarrow o$ be given. Let $v11_fomodel1 : \iota \Rightarrow o$ be given. Let $l1_fomodel1 : \iota \Rightarrow o$ be given. Let $v12_fomodel1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k35_fomodel1 : \iota \Rightarrow \iota$ be given. Let $k27_fomodel1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. ((\neg v6_struct_0 X0) \wedge ((v11_fomodel1 X0) \wedge (l1_fomodel1 X0))) \Rightarrow (k35_fomodel1 X0 = k27_fomodel1 X0) \quad (1)$$

Assume the following.

$$\forall X0. ((\neg v6_struct_0 X0) \wedge ((v11_fomodel1 X0) \wedge (l1_fomodel1 X0))) \Rightarrow (v12_fomodel1 (k27_fomodel1 X0) X0) \quad (2)$$

Theorem 1

$$\forall X0. ((\neg v6_struct_0 X0) \wedge ((v11_fomodel1 X0) \wedge (l1_fomodel1 X0))) \Rightarrow (v12_fomodel1 (k35_fomodel1 X0) X0)$$