

t26\_modelc\_2  
(TMWW5tkLKj9gdKHdz5AA1FDFys2vG31Hz9)

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Let  $v1\_modelc\_2 : \iota \Rightarrow o$  be given. Let  $m2\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k5\_numbers : \iota$  be given. Let  $r1\_modelc\_2 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $v3\_modelc\_2 : \iota \Rightarrow o$  be given. Let  $v6\_modelc\_2 : \iota \Rightarrow o$  be given. Let  $v4\_modelc\_2 : \iota \Rightarrow o$  be given. Let  $v5\_modelc\_2 : \iota \Rightarrow o$  be given. Let  $v7\_modelc\_2 : \iota \Rightarrow o$  be given. Let  $v8\_modelc\_2 : \iota \Rightarrow o$  be given. Let  $v2\_modelc\_2 : \iota \Rightarrow o$  be given. Assume the following.

$$\begin{aligned} \forall X0.((v1\_modelc\_2 X0) \wedge (m2\_finseq\_1 X0 k5\_numbers)) \Rightarrow ( \\ \neg(\neg v2\_modelc\_2 X0) \wedge (\neg v3\_modelc\_2 X0) \wedge (\neg v4\_modelc\_2 X0) \wedge ( \\ (\neg v5\_modelc\_2 X0) \wedge (\neg v6\_modelc\_2 X0) \wedge (\neg v7\_modelc\_2 X0) \wedge (\neg \\ v8\_modelc\_2 X0)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} \forall X0.((v1\_modelc\_2 X0) \wedge (m2\_finseq\_1 X0 k5\_numbers)) \Rightarrow ( \\ \forall X1.((v1\_modelc\_2 X1) \wedge (m2\_finseq\_1 X1 k5\_numbers)) \Rightarrow ( \\ \neg(v2\_modelc\_2 X0) \wedge (r1\_modelc\_2 X1 X0))) \end{aligned} \quad (2)$$

**Theorem 1**

$$\begin{aligned} \forall X0.((v1\_modelc\_2 X0) \wedge (m2\_finseq\_1 X0 k5\_numbers)) \Rightarrow ( \\ \forall X1.((v1\_modelc\_2 X1) \wedge (m2\_finseq\_1 X1 k5\_numbers)) \Rightarrow ( \\ \neg(r1\_modelc\_2 X0 X1) \wedge (\neg v3\_modelc\_2 X1) \wedge (\neg v6\_modelc\_2 X1) \wedge \\ ((\neg v4\_modelc\_2 X1) \wedge (\neg v5\_modelc\_2 X1) \wedge (\neg v7\_modelc\_2 X1) \wedge ( \\ \neg v8\_modelc\_2 X1)))))) \end{aligned}$$