

l14\_modelc\_3 (TMLQLT-  
LaYWM9SzB3sXcThSWgwfmdHy1TK4X)

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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  $v3\_modelc\_2 : \iota \Rightarrow o$  be given. Let  $v6\_modelc\_2 : \iota \Rightarrow o$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_tarSKI : \iota \Rightarrow \iota$  be given. Let  $k10\_modelc\_2 : \iota \Rightarrow \iota$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Let  $k13\_modelc\_2 : \iota \Rightarrow \iota$  be given. Let  $m1\_finseq\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $r2\_modelc\_2 : \iota \Rightarrow \iota \Rightarrow o$  be given. Assume the following.

$$\forall X0. \forall X1. (m2\_finseq\_1 X1 X0) \Leftrightarrow (m1\_finseq\_1 X1 X0) \quad (1)$$

Assume the following.

$$\begin{aligned} & \forall X0. ((v1\_modelc\_2 X0) \wedge (m2\_finseq\_1 X0 k5\_numbers)) \Rightarrow ( \\ & \forall X1. ((v1\_modelc\_2 X1) \wedge (m2\_finseq\_1 X1 k5\_numbers)) \Rightarrow ( \\ & (r2\_modelc\_2 X0 X1) \Rightarrow (m1\_subset\_1 (k1\_tarSKI X0) (k1\_zfmisc\_1 \\ & (k13\_modelc\_2 X1)))) \end{aligned} \quad (2)$$

Assume the following.

$$\begin{aligned} & \forall X0. ((v1\_modelc\_2 X0) \wedge (m2\_finseq\_1 X0 k5\_numbers)) \Rightarrow ( \\ & ((v3\_modelc\_2 X0) \vee (v6\_modelc\_2 X0)) \Rightarrow (r2\_modelc\_2 (k10\_modelc\_2 \\ & X0) X0)) \end{aligned} \quad (3)$$

Assume the following.

$$\begin{aligned} & \forall X0. ((v1\_modelc\_2 X0) \wedge (m1\_finseq\_1 X0 k5\_numbers)) \Rightarrow ( \\ & (v1\_modelc\_2 (k10\_modelc\_2 X0)) \wedge (m2\_finseq\_1 (k10\_modelc\_2 \\ & X0) k5\_numbers)) \end{aligned} \quad (4)$$

**Theorem 1**

$$\begin{aligned} & \forall X0. ((v1\_modelc\_2 X0) \wedge (m2\_finseq\_1 X0 k5\_numbers)) \Rightarrow ( \\ & ((v3\_modelc\_2 X0) \vee (v6\_modelc\_2 X0)) \Rightarrow (m1\_subset\_1 (k1\_tarSKI \\ & (k10\_modelc\_2 X0)) (k1\_zfmisc\_1 (k13\_modelc\_2 X0)))) \end{aligned}$$