

t47_modelc_2
(TMaqYsZu2s68TtdYGw93povFcwmeerzhiyt)

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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 $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k13_modelc_2 : \iota \Rightarrow \iota$ be given. Let $k9_modelc_2 : \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r2_modelc_2 : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X0 (k1_zfmisc_1 X1)) \Leftrightarrow (r1_tarski X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. ((v1_modelc_2 X0) \wedge (m2_finseq_1 X0 k5_numbers)) \Leftrightarrow (X0 \in k9_modelc_2) \quad (2)$$

Assume the following.

$$\forall X0. \forall X1. (r1_tarski X0 X1) \Leftrightarrow (\forall X2. (X2 \in X0) \Rightarrow (X2 \in X1)) \quad (3)$$

Assume the following.

$$\begin{aligned} \forall X0. ((v1_modelc_2 X0) \wedge (m2_finseq_1 X0 k5_numbers)) \Rightarrow (\\ \forall X1. (X1 = k13_modelc_2 X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow (\exists X3. \\ ((v1_modelc_2 X3) \wedge (m2_finseq_1 X3 k5_numbers)) \wedge ((X3 = X2) \wedge (r2_modelc_2 \\ X3 X0)))))) \quad (4) \end{aligned}$$

Theorem 1

$$\begin{aligned} \forall X0. \forall X1. ((v1_modelc_2 X1) \wedge (m2_finseq_1 X1 k5_numbers)) \Rightarrow \\ ((m1_subset_1 X0 (k1_zfmisc_1 (k13_modelc_2 X1))) \Rightarrow (m1_subset_1 \\ X0 (k1_zfmisc_1 k9_modelc_2))) \end{aligned}$$