

t9_modelc_3
(TMdkqtpRqrGBhAy221d4qGKgfZmdB1Usj9u)

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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 $k18_modelc_3 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k7_subset_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_tarski : \iota \Rightarrow \iota$ be given. Let $k4_xboole_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (k4_xboole_0 X0 (k1_tarski X1) = X0) \Leftrightarrow (\neg X1 \in X0) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. \forall X2. (m1_subset_1 X1 (k1_zfmisc_1 X0)) \Rightarrow (k7_subset_1 X0 X1 X2 = k4_xboole_0 X1 X2) \quad (2)$$

Theorem 1

$$\begin{aligned} & \forall X0. ((v1_modelc_2 X0) \wedge (m2_finseq_1 X0 k5_numbers)) \Rightarrow (\\ & \forall X1. ((v1_modelc_2 X1) \wedge (m2_finseq_1 X1 k5_numbers)) \Rightarrow (\\ & \forall X2. (m1_subset_1 X2 (k1_zfmisc_1 (k13_modelc_2 X0))) \Rightarrow \\ & ((\neg X1 \in X2) \Rightarrow (k18_modelc_3 X0 (k7_subset_1 (k13_modelc_2 X0) X2 \\ & (k1_tarski X1)) = k18_modelc_3 X0 X2)))) \end{aligned}$$