

t26_modelc_1
(TMG2YbvzSfXncYDCXDKsG3fMr847riPFsKJ)

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Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v1_partfun1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 (k2_zfmisc_1 \\ X0 X0))) \Rightarrow ((\forall X2. \neg(X2 \in X0) \wedge (\forall X3. \neg(X3 \in X0) \wedge (k4_tarski \\ X2 X3 \in X1))) \Rightarrow (v1_partfun1 X1 X0)) \end{aligned} \quad (1)$$

Assume the following.

$$\begin{aligned} \forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 (k2_zfmisc_1 \\ X0 X0))) \Rightarrow ((v1_partfun1 X1 X0) \Rightarrow (\forall X2. \neg(X2 \in X0) \wedge (\forall X3. \\ \neg(X3 \in X0) \wedge (k4_tarski X2 X3 \in X1)))) \end{aligned} \quad (2)$$

Theorem 1

$$\begin{aligned} \forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\forall X1. (m1_subset_1 X1 (k1_zfmisc_1 \\ (k2_zfmisc_1 X0 X0))) \Rightarrow ((v1_partfun1 X1 X0) \Leftrightarrow (\forall X2. \neg(X2 \in \\ X0) \wedge (\forall X3. \neg(X3 \in X0) \wedge (k4_tarski X2 X3 \in X1)))))) \end{aligned}$$