

l122_fomodel0 (TMGncX- AWEd2PnGsykbiyLgGuzgbuaXTkcHZ)

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Let $v4_funct_1 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k10_xtuple_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (m1_subset_1 X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 X0)) \Rightarrow (\forall X2. (X2 \in X1) \Rightarrow (X2 \in X0)) \quad (2)$$

Assume the following.

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

Theorem 1

$$\begin{aligned} \forall X0. (v4_funct_1 X0) \Rightarrow (\forall X1. (m1_subset_1 X1 (k1_zfmisc_1 \\ X0)) \Rightarrow (r1_tarski (ReplSep (toset (\lambda X2 : \iota. m1_subset_1 X2 X1)) \\ (\lambda X2 : \iota. X2 \in X1) (\lambda X2 : \iota. k10_xtuple_0 X2)) (ReplSep (\\ toset (\lambda X2 : \iota. m1_subset_1 X2 X0)) (\lambda X2 : \iota. X2 \in X0) (\lambda X2 : \\ \iota. k10_xtuple_0 X2)))))) \end{aligned}$$