

t1_waybel35 (TMVnySX- pDpVLLG9PmgqJ9MoXnTADFxFH3eD)

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Let $l1_struct_0 : \iota \Rightarrow o$ be given. Let $v1_zfmisc_1 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $m1_waybel35 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\begin{aligned} \forall X0.(l1_struct_0 X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 \\ (k2_zfmisc_1 (u1_struct_0 X0) (u1_struct_0 X0)))) \Rightarrow (\forall X2. \\ (m1_subset_1 X2 (k1_zfmisc_1 (u1_struct_0 X0))) \Rightarrow ((m1_waybel35 \\ X2 X0 X1) \Leftrightarrow (\forall X3.\forall X4.\neg(X3 \in X2) \wedge ((X4 \in X2) \wedge (\neg k4_tarski \\ X3 X4 \in X1) \wedge ((X3 \neq X4) \wedge (\neg k4_tarski X4 X3 \in X1))))))) \end{aligned} \quad (1)$$

Assume the following.

$$\forall X0.(v1_zfmisc_1 X0) \Leftrightarrow (\forall X1.\forall X2.((X1 \in X0) \wedge (X2 \in X0)) \Rightarrow (X1 = X2)) \quad (2)$$

Theorem 1

$$\begin{aligned} \forall X0.(l1_struct_0 X0) \Rightarrow (\forall X1.((v1_zfmisc_1 X1) \wedge (\\ m1_subset_1 X1 (k1_zfmisc_1 (u1_struct_0 X0)))) \Rightarrow (\forall X2. \\ (m1_subset_1 X2 (k1_zfmisc_1 (k2_zfmisc_1 (u1_struct_0 X0) (u1_struct_0 \\ X0)))) \Rightarrow (m1_waybel35 X1 X0 X2))) \end{aligned}$$