

t7_inensp_1
(TMEzFRozpZErunSZvSt4kovWB61cF3nMZyS)

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Let $l2_inensp_1 : \iota \Rightarrow o$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u4_inensp_1 : \iota \Rightarrow \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $u1_inensp_1 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r5_inensp_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r2_inensp_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0.(l2_inensp_1 X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (k1_zfmisc_1 \\ (u1_inensp_1 X0))) \Rightarrow (\forall X2.(m1_subset_1 X2 (u4_inensp_1 X0)) \Rightarrow \\ ((r5_inensp_1 X0 X1 X2) \Leftrightarrow (\forall X3.(m1_subset_1 X3 (u1_inensp_1 \\ X0)) \Rightarrow ((X3 \in X1) \Rightarrow (r2_inensp_1 X0 X3 X2)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.(r1_tarski X0 X1) \Leftrightarrow (\forall X2.(X2 \in X0) \Rightarrow (X2 \in X1)) \quad (2)$$

Theorem 1

$$\begin{aligned} \forall X0.(l2_inensp_1 X0) \Rightarrow (\forall X1.(m1_subset_1 X1 (u4_inensp_1 \\ X0)) \Rightarrow (\forall X2.(m1_subset_1 X2 (k1_zfmisc_1 (u1_inensp_1 X0))) \Rightarrow \\ (\forall X3.(m1_subset_1 X3 (k1_zfmisc_1 (u1_inensp_1 X0))) \Rightarrow (\\ ((r1_tarski X2 X3) \wedge (r5_inensp_1 X0 X3 X1)) \Rightarrow (r5_inensp_1 X0 X2 X1)))))) \end{aligned}$$