

t20_waybel28
(TMdVbTZUzegYk7dzG6ooSELMFLx7rkrtDL)

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Let $v2_struct_0 : \iota \Rightarrow o$ be given. Let $l1_orders_2 : \iota \Rightarrow o$ be given. Let $k4_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_waybel28 : \iota \Rightarrow \iota$ be given. Let $k6_yellow_6 : \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $l1_struct_0 : \iota \Rightarrow o$ be given. Let $m4_yellow_6 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.(k4_tarski\ X0\ X1 \in k2_zfmisc_1\ X2\ X3) \Leftrightarrow ((X0 \in X2) \wedge (X1 \in X3)) \quad (1)$$

Assume the following.

$$\forall X0.(l1_orders_2\ X0) \Rightarrow (l1_struct_0\ X0) \quad (2)$$

Assume the following.

$$\forall X0.((\neg v2_struct_0\ X0) \wedge (l1_orders_2\ X0)) \Rightarrow (m4_yellow_6\ (k3_waybel28\ X0)\ X0) \quad (3)$$

Assume the following.

$$\forall X0.\forall X1.(r1_tarski\ X0\ X1) \Leftrightarrow (\forall X2.(X2 \in X0) \Rightarrow (X2 \in X1)) \quad (4)$$

Assume the following.

$$\forall X0.((\neg v2_struct_0\ X0) \wedge (l1_struct_0\ X0)) \Rightarrow (\forall X1.(m4_yellow_6\ X1\ X0) \Leftrightarrow (r1_tarski\ X1\ (k2_zfmisc_1\ (k6_yellow_6\ X0)\ (u1_struct_0\ X0)))) \quad (5)$$

Theorem 1

$$\forall X0.((\neg v2_struct_0\ X0) \wedge (l1_orders_2\ X0)) \Rightarrow (\forall X1.\forall X2.(k4_tarski\ X1\ X2 \in k3_waybel28\ X0) \Rightarrow (X1 \in k6_yellow_6\ X0))$$