

l2_waybel23 (TM-
RHBv19xM5Y4VRM9mmqkgix197s7zGG7QZ)

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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 $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k2_yellow_1 : \iota \Rightarrow \iota$ be given. Let $r1_yellow_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k3_tarski : \iota \Rightarrow \iota$ be given. Let $k1_yellow_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $g1_orders_2 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_yellow_1 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. \neg(X0 \in X1) \wedge (v1_xboole_0 X1) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (\forall X2. (X2 \in X0) \Rightarrow (r1_tarski X2 X1)) \Rightarrow (r1_tarski (k3_tarski X0) X1) \quad (2)$$

Assume the following.

$$\begin{aligned} \forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\forall X1. ((\neg v1_xboole_0 X1) \wedge \\ (m1_subset_1 X1 (k1_zfmisc_1 (u1_struct_0 (k2_yellow_1 X0)))))) \Rightarrow \\ ((r1_yellow_0 (k2_yellow_1 X0) X1) \Rightarrow (r1_tarski (k3_tarski X1) \\ (k1_yellow_0 (k2_yellow_1 X0) X1)))) \end{aligned} \quad (3)$$

Assume the following.

$$\forall X0. k2_yellow_1 X0 = g1_orders_2 X0 (k1_yellow_1 X0) \quad (4)$$

Theorem 1

$$\begin{aligned} \forall X0. (\neg v1_xboole_0 X0) \Rightarrow (\forall X1. (m1_subset_1 X1 (k1_zfmisc_1 \\ (u1_struct_0 (k2_yellow_1 X0)))) \Rightarrow ((r1_yellow_0 (k2_yellow_1 \\ X0) X1) \Rightarrow (r1_tarski (k3_tarski X1) (k1_yellow_0 (k2_yellow_1 X0) \\ X1)))) \end{aligned}$$