

l30_rlaffin3 (TM-
MgBF6Z2ABp2f2ZHfMxQLsPyuVGxDsiuaE)

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Let $k1_xboole_0 : \iota$ be given. Let $k1_numbers : \iota$ be given. Let $k6_numbers : \iota$ be given. Let $k5_numbers : \iota$ be given. Let $k4_ordinal1 : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $v4_ordinal1 : \iota \Rightarrow o$ be given. Let $v3_ordinal1 : \iota \Rightarrow o$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Assume the following.

$$k6_numbers = k1_xboole_0 \tag{1}$$

Assume the following.

$$k5_numbers = k4_ordinal1 \tag{2}$$

Assume the following.

$$\forall X0. \forall X1. (m1_subset_1 X1 (k1_zfmisc_1 X0)) \Rightarrow (\forall X2. (X2 \in X1) \Rightarrow (X2 \in X0)) \tag{3}$$

Assume the following.

$$m1_subset_1 k5_numbers (k1_zfmisc_1 k1_numbers) \tag{4}$$

Assume the following.

$$\forall X0. (X0 = k4_ordinal1) \Leftrightarrow ((k1_xboole_0 \in X0) \wedge ((v4_ordinal1 X0) \wedge ((v3_ordinal1 X0) \wedge (\forall X1. (v3_ordinal1 X1) \Rightarrow (((k1_xboole_0 \in X1) \wedge (v4_ordinal1 X1)) \Rightarrow (r1_tarski X0 X1))))))) \tag{5}$$

Theorem 1 $k1_xboole_0 \in k1_numbers$.