

t7_radix_3 (TMQQHxSCcE-
JvL2MHsBR6j83aN5QXqnUyw2P)

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Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $k6_numbers : \iota$ be given. Let $k2_radix_3 : \iota \Rightarrow \iota$ be given. Let $k1_radix_3 : \iota \Rightarrow \iota$ be given. Let $r1_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_xboole_0 : \iota$ be given. Let $v1_xboole_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Rightarrow (k6_numbers \in k1_radix_3 X0) \quad (1)$$

Assume the following.

$$\forall X0.(v7_ordinal1 X0) \Rightarrow (r1_tarski (k1_radix_3 X0) (k2_radix_3 X0)) \quad (2)$$

Assume the following.

$$k6_numbers = k1_xboole_0 \quad (3)$$

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.

$$k1_xboole_0 = the (\lambda X0 : \iota.v1_xboole_0 X0) \quad (5)$$

Theorem 1 $\forall X0.(v7_ordinal1 X0) \Rightarrow (k6_numbers \in k2_radix_3 X0)$.