

l8_xreal_0

(TMWKJ8PAfK5YPa7QDBYo7RruifvQvD3mNKB)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k6_numbers : \iota$ be given. Let $k2_arytm_2 : \iota$ be given. Let $k11_arytm_3 : \iota$ be given. Let $k12_arytm_3 : \iota$ be given. Let $k1_xboole_0 : \iota$ be given. Assume the following.

$$(k11_arytm_3 \in k2_arytm_2) \wedge (k12_arytm_3 \in k2_arytm_2) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (m1_subset_1 X0 X1) \quad (2)$$

Assume the following.

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

Assume the following.

$$k11_arytm_3 = k1_xboole_0 \quad (4)$$

Theorem 1 $m1_subset_1 k6_numbers k2_arytm_2$.