

l132_toprealb
(TMR8bq3iCYXyWk1uuk23CN1wZrqr3FTKUNS)

October 27, 2020

Let $k1_relset_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_numbers : \iota$ be given. Let $k1_fcont_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1_real_1 : \iota \Rightarrow \iota$ be given. Let $k10_real_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Let $k8_real_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $k32_sin_cos : \iota$ be given. Let $k6_numbers : \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k2_topalg_2 : \iota$ be given. Assume the following.

$$k1_relset_1 \ k1_numbers \ (k1_fcont_1 \ (k10_real_1 \ np_1 \ (k8_real_1 \ np_2 \ k32_sin_cos)) \ k6_numbers) = k1_numbers \quad (1)$$

Assume the following.

$$k1_relset_1 \ k1_numbers \ (k1_fcont_1 \ (k10_real_1 \ np_1 \ (k8_real_1 \ np_2 \ k32_sin_cos)) \ k6_numbers) = u1_struct_0 \ k2_topalg_2 \quad (2)$$

Assume the following.

$$k1_relset_1 \ k1_numbers \ (k1_fcont_1 \ (k1_real_1 \ (k10_real_1 \ np_1 \ (k8_real_1 \ np_2 \ k32_sin_cos)))) \ np_1) = u1_struct_0 \ k2_topalg_2 \quad (3)$$

Theorem 1

$$k1_relset_1 \ k1_numbers \ (k1_fcont_1 \ (k1_real_1 \ (k10_real_1 \ np_1 \ (k8_real_1 \ np_2 \ k32_sin_cos)))) \ np_1) = k1_numbers$$