

l115_toprealb
(TML6rBGtF2s6ZuEEBmbAkJEW51drCgik3Wb)

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Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $k4_pscomp_1 : \iota$ be given. Let $v1_funct_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k15_euclid : \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $k2_topalg_2 : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $k2_zfmisc_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_topmetr : \iota$ be given. Let $k1_numbers : \iota$ be given. Assume the following.

$$u1_struct_0 \ k3_topmetr = k1_numbers \tag{1}$$

Assume the following.

$$k2_topalg_2 = k3_topmetr \tag{2}$$

Assume the following.

$$\begin{aligned} & (v1_funct_1 \ k4_pscomp_1) \wedge ((v1_funct_2 \ k4_pscomp_1 \ (u1_struct_0 \\ & (k15_euclid \ np_2)) \ k1_numbers) \wedge (m1_subset_1 \ k4_pscomp_1 \ (k1_zfmisc_1 \\ & (k2_zfmisc_1 \ (u1_struct_0 \ (k15_euclid \ np_2)) \ k1_numbers)))) \end{aligned} \tag{3}$$

Theorem 1

$$\begin{aligned} & (v1_funct_1 \ k4_pscomp_1) \wedge ((v1_funct_2 \ k4_pscomp_1 \ (u1_struct_0 \\ & (k15_euclid \ np_2)) \ (u1_struct_0 \ k2_topalg_2)) \wedge (m1_subset_1 \\ & k4_pscomp_1 \ (k1_zfmisc_1 \ (k2_zfmisc_1 \ (u1_struct_0 \ (k15_euclid \\ & np_2)) \ (u1_struct_0 \ k2_topalg_2)))) \end{aligned}$$