

l56_borsuk_7

(TMQv3WWfBcfbR3ce6MBaRUgqyBX9SBVEohH)

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Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k8_borsuk_7 : \iota$ be given. Let $u1_struct_0 : \iota \Rightarrow \iota$ be given. Let $k8_toprealb : \iota \Rightarrow \iota$ be given. Let $k2_nat_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $np_1 : \iota$ be given. Let $np_3 : \iota$ be given. Let $k6_numbers : \iota$ be given. Assume the following.

$$k2_nat_1 (k2_nat_1 np_1 np_1) np_1 = np_3 \quad (1)$$

Assume the following.

$$k2_nat_1 (k2_nat_1 k6_numbers np_1) np_1 = np_2 \quad (2)$$

Assume the following.

$$np_1 = k2_nat_1 k6_numbers np_1 \quad (3)$$

Assume the following.

$$m1_subset_1 k8_borsuk_7 (u1_struct_0 (k8_toprealb np_3)) \quad (4)$$

Theorem 1

$$m1_subset_1 k8_borsuk_7 (u1_struct_0 (k8_toprealb (k2_nat_1 np_2 np_1)))$$