

t18_euclid_3 (TMaWch-
HQn7x1nq3iUmtmMjWVf93BCiHN5j3)

October 27, 2020

Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ 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 $k2_euclid_3 : \iota \Rightarrow \iota$ be given. Let $k5_complex1 : \iota$ be given. Let $k4_struct_0 : \iota \Rightarrow \iota$ be given. Let $k1_euclid_3 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1_subset_1 X0 (u1_struct_0 (k15_euclid np_2))) \Rightarrow (k1_euclid_3 (k2_euclid_3 X0) = X0) \quad (1)$$

Assume the following.

$$k1_euclid_3 k5_complex1 = k4_struct_0 (k15_euclid np_2) \quad (2)$$

Theorem 1

$$\forall X0.(m1_subset_1 X0 (u1_struct_0 (k15_euclid np_2))) \Rightarrow ((k2_euclid_3 X0 = k5_complex1) \Rightarrow (X0 = k4_struct_0 (k15_euclid np_2)))$$