

t6_complex1 (TMS-
Bvg7y6ZPmJXpYznu9wciMT1KucHvNDhF)

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Let $k3_complex1 : \iota \Rightarrow \iota$ be given. Let $k6_complex1 : \iota$ be given. Let $np_1 : \iota$ be given. Let $k4_complex1 : \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1_numbers : \iota$ be given. Let $k5_arytm_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1_subset_1 X0 k1_numbers) \Rightarrow (\forall X1.(m1_subset_1 X1 k1_numbers) \Rightarrow ((k3_complex1 (k5_arytm_0 X0 X1) = X0) \wedge (k4_complex1 (k5_arytm_0 X0 X1) = X1))) \quad (1)$$

Assume the following.

$$m1_subset_1 np_1 k1_numbers \quad (2)$$

Assume the following.

$$m1_subset_1 k6_numbers k1_numbers \quad (3)$$

Assume the following.

$$k6_complex1 = k5_arytm_0 np_1 k6_numbers \quad (4)$$

Assume the following.

$$k6_complex1 = np_1 \quad (5)$$

Theorem 1

$$(k3_complex1 k6_complex1 = np_1) \wedge (k4_complex1 k6_complex1 = k6_numbers)$$