

# t11\_complex1 (TMNUFowovcFxNLSHzmfVBCK-EGKToeyRDAHg)

October 27, 2020

Let  $v1\_xreal\_0 : \iota \Rightarrow o$  be given. Let  $k4\_complex1 : \iota \Rightarrow \iota$  be given. Let  $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k7\_complex1 : \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_xcmplx\_0 : \iota$  be given. Let  $k1\_numbers : \iota$  be given. Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (m1\_subset\_1 X0 X1) \quad (1)$$

Assume the following.

$$k7\_complex1 = k1\_xcmplx\_0 \quad (2)$$

Assume the following.

$$\forall X0. (m1\_subset\_1 X0 k1\_numbers) \Rightarrow (k4\_complex1 (k3\_xcmplx\_0 X0 k7\_complex1) = X0) \quad (3)$$

Assume the following.

$$\forall X0. (v1\_xreal\_0 X0) \Leftrightarrow (X0 \in k1\_numbers) \quad (4)$$

## **Theorem 1**

$$\forall X0. (v1\_xreal\_0 X0) \Rightarrow (k4\_complex1 (k3\_xcmplx\_0 X0 k7\_complex1) = X0)$$