

t207\_xcplx\_1  
(TMcoES6S2GiuSFY3onS32WWJLFj3i71adxk)

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Let  $v1\_xcplx\_0 : \iota \Rightarrow o$  be given. Let  $k6\_numbers : \iota$  be given. Let  $k3\_xcplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k5\_xcplx\_0 : \iota \Rightarrow \iota$  be given. Let  $k7\_xcplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_xboole\_0 : \iota$  be given. Assume the following.

$$\forall X0.(v1\_xcplx\_0 X0) \Rightarrow (\forall X1.(v1\_xcplx\_0 X1) \Rightarrow (\neg (X0 \neq k6\_numbers) \wedge ((X1 \neq k6\_numbers) \wedge (k7\_xcplx\_0 X0 X1 = k6\_numbers)))) \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.((v1\_xcplx\_0 X0) \wedge (v1\_xcplx\_0 X1)) \Rightarrow (k3\_xcplx\_0 X0 (k5\_xcplx\_0 X1) = k7\_xcplx\_0 X0 X1) \quad (2)$$

Assume the following.

$$k6\_numbers = k1\_xboole\_0 \quad (3)$$

**Theorem 1**

$$\forall X0.(v1\_xcplx\_0 X0) \Rightarrow (\forall X1.(v1\_xcplx\_0 X1) \Rightarrow (\neg (X0 \neq k6\_numbers) \wedge ((X1 \neq k6\_numbers) \wedge (k3\_xcplx\_0 X0 (k5\_xcplx\_0 X1) = k6\_numbers))))$$