

t18\_complex1  
(TMPFEF3Yxvvg8oqFwt67UrtHJ2916VdhcYPT)

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Let  $k9\_complex1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k7\_complex1 : \iota$  be given. Let  $k10\_complex1 : \iota \Rightarrow \iota$  be given. Let  $k6\_complex1 : \iota$  be given. Let  $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_xcmplx\_0 : \iota$  be given. Let  $k4\_xcmplx\_0 : \iota \Rightarrow \iota$  be given. Let  $np\_1 : \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k2\_numbers : \iota$  be given. Assume the following.

$$k3\_xcmplx\_0 \ k1\_xcmplx\_0 \ k1\_xcmplx\_0 = k4\_xcmplx\_0 \ np\_1 \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. ((m1\_subset\_1 \ X0 \ k2\_numbers) \wedge (m1\_subset\_1 \ X1 \ k2\_numbers)) \Rightarrow (k9\_complex1 \ X0 \ X1 = k3\_xcmplx\_0 \ X0 \ X1) \quad (2)$$

Assume the following.

$$k7\_complex1 = k1\_xcmplx\_0 \quad (3)$$

Assume the following.

$$\forall X0. (m1\_subset\_1 \ X0 \ k2\_numbers) \Rightarrow (k10\_complex1 \ X0 = k4\_xcmplx\_0 \ X0) \quad (4)$$

Assume the following.

$$m1\_subset\_1 \ k7\_complex1 \ k2\_numbers \quad (5)$$

Assume the following.

$$m1\_subset\_1 \ k6\_complex1 \ k2\_numbers \quad (6)$$

Assume the following.

$$k6\_complex1 = np\_1 \quad (7)$$

**Theorem 1**  $k9\_complex1 \ k7\_complex1 \ k7\_complex1 = k10\_complex1 \ k6\_complex1$ .