

# t21\_complex1

(TMdCwEVpqxwBZ9vSJybf271oTE7mTuNiJNc)

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Let  $k12\_complex1 : \iota \Rightarrow \iota$  be given. Let  $k7\_complex1 : \iota$  be given. Let  $k10\_complex1 : \iota \Rightarrow \iota$  be given. Let  $v1\_xcmplx\_0 : \iota \Rightarrow o$  be given. Let  $k7\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $np\_1 : \iota$  be given. Let  $k5\_xcmplx\_0 : \iota \Rightarrow \iota$  be given. Let  $k4\_xcmplx\_0 : \iota \Rightarrow \iota$  be given. Let  $k1\_xcmplx\_0 : \iota$  be given. Let  $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k2\_numbers : \iota$  be given. Assume the following.

$$\forall X0.(v1\_xcmplx\_0 X0) \Rightarrow (k7\_xcmplx\_0 np\_1 X0 = k5\_xcmplx\_0 X0) \quad (1)$$

Assume the following.

$$k4\_xcmplx\_0 k1\_xcmplx\_0 = k3\_xcmplx\_0 (k4\_xcmplx\_0 np\_1) k1\_xcmplx\_0 \quad (2)$$

Assume the following.

$$k7\_xcmplx\_0 np\_1 k1\_xcmplx\_0 = k3\_xcmplx\_0 (k4\_xcmplx\_0 np\_1) k1\_xcmplx\_0 \quad (3)$$

Assume the following.

$$k7\_complex1 = k1\_xcmplx\_0 \quad (4)$$

Assume the following.

$$\forall X0.(m1\_subset\_1 X0 k2\_numbers) \Rightarrow (k12\_complex1 X0 = k5\_xcmplx\_0 X0) \quad (5)$$

Assume the following.

$$\forall X0.(m1\_subset\_1 X0 k2\_numbers) \Rightarrow (k10\_complex1 X0 = k4\_xcmplx\_0 X0) \quad (6)$$

Assume the following.

$$v1\_xcmplx\_0 k1\_xcmplx\_0 \quad (7)$$

Assume the following.

$$m1\_subset\_1 k7\_complex1 k2\_numbers \quad (8)$$

**Theorem 1**  $k_{12\_complex1} k_{7\_complex1} = k_{10\_complex1} k_{7\_complex1}$ .