

t151\_xcplx\_1  
(TMFrJvsRK429YkTRZJ78oP6fx6FQgT8d9ui)

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Let  $v1\_xcplx\_0 : \iota \Rightarrow o$  be given. Let  $k6\_xcplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k2\_xcplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_xcplx\_0 : \iota \Rightarrow \iota$  be given. Let  $k6\_numbers : \iota$  be given. Assume the following.

$$\forall X0.(v1\_xcplx\_0 X0) \Rightarrow (k6\_xcplx\_0 X0 k6\_numbers = X0) \quad (1)$$

Assume the following.

$$\forall X0.(v1\_xcplx\_0 X0) \Rightarrow (k6\_xcplx\_0 X0 X0 = k6\_numbers) \quad (2)$$

Assume the following.

$$\forall X0.\forall X1.((v1\_xcplx\_0 X0) \wedge (v1\_xcplx\_0 X1)) \Rightarrow (k2\_xcplx\_0 X0 (k4\_xcplx\_0 X1) = k6\_xcplx\_0 X0 X1) \quad (3)$$

**Theorem 1**

$$\forall X0.(v1\_xcplx\_0 X0) \Rightarrow (\forall X1.(v1\_xcplx\_0 X1) \Rightarrow (X0 = k6\_xcplx\_0 X0 (k2\_xcplx\_0 X1 (k4\_xcplx\_0 X1))))$$