

t59\_xcplx\_1  
(TMLjz kp1YHBjchDNTHRBEne4rZps55dryfZ)

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Let  $v1\_xcplx\_0 : \iota \Rightarrow o$  be given. Let  $k7\_xcplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $np\_1 : \iota$  be given. Assume the following.

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

**Theorem 1**

$$\forall X0.(v1\_xcplx\_0 X0) \Rightarrow (\forall X1.(v1\_xcplx\_0 X1) \Rightarrow ((k7\_xcplx\_0 np\_1 X0 = k7\_xcplx\_0 np\_1 X1) \Rightarrow (X0 = X1)))$$