

196\_xcplx\_1 (TMSHStMCrqFLMoxNFgtCY-  
dxtZ2YFi4sV3X7)

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Let  $v1\_xcplx\_0 : \iota \Rightarrow o$  be given. Let  $k3\_xcplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k7\_xcplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $np\_1 : \iota$  be given. Let  $k5\_xcplx\_0 : \iota \Rightarrow \iota$  be given. Assume the following.

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

Assume the following.

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

**Theorem 1**

$$\forall X0.(v1\_xcplx\_0 X0) \Rightarrow (\forall X1.(v1\_xcplx\_0 X1) \Rightarrow (k3\_xcplx\_0 X0 (k7\_xcplx\_0 np\_1 X1) = k7\_xcplx\_0 X0 X1))$$