

t218_xcplx_1
(TMLjGsjV6kG2RBXeKXnDNvdKURFxY7XdvB2)

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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. 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.

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (k5_xcplx_0 (k5_xcplx_0 X0) = X0) \quad (2)$$

Theorem 1

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (\forall X1.(v1_xcplx_0 X1) \Rightarrow ((k7_xcplx_0 np_1 X0 = k5_xcplx_0 X1) \Rightarrow (X0 = X1)))$$