

t109_xcplx_1
 (TMNb7GWKztRDFfUXHEd5QAzGy2F1gxGKT8q)

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Let $v1_xcplx_0 : \iota \Rightarrow o$ be given. Let $k6_numbers : \iota$ 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. Assume the following.

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (\forall X1.(v1_xcplx_0 X1) \Rightarrow (k3_xcplx_0 X0 (k7_xcplx_0 np_1 X1) = k7_xcplx_0 X0 X1)) \quad (1)$$

Assume the following.

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (\forall X1.(v1_xcplx_0 X1) \Rightarrow ((X0 \neq k6_numbers) \Rightarrow (k3_xcplx_0 (k7_xcplx_0 X1 X0) X0 = X1))) \quad (2)$$

Theorem 1

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (\forall X1.(v1_xcplx_0 X1) \Rightarrow ((X0 \neq k6_numbers) \Rightarrow (X1 = k3_xcplx_0 (k3_xcplx_0 X1 (k7_xcplx_0 np_1 X0)) X0)))$$