

t49_xcplx_1

(TMc4kC8Pn5UECqfKXyPZuYMUvYtWMHKib3o)

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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 $k6_numbers : \iota$ be given. Let $k3_xcplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_xcplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (k7_xcplx_0 k6_numbers X0 = k6_numbers) \quad (1)$$

Assume the following.

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

Assume the following.

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (k6_xcplx_0 X0 X0 = k6_numbers) \quad (3)$$

Assume the following.

$$\exists X0.v1_xcplx_0 X0 \quad (4)$$

Assume the following.

$$\begin{aligned} \forall X0.(v1_xcplx_0 X0) \Rightarrow (\forall X1.(v1_xcplx_0 X1) \Rightarrow (\forall X2. \\ (v1_xcplx_0 X2) \Rightarrow (k7_xcplx_0 X0 (k7_xcplx_0 X1 X2) = k7_xcplx_0 \\ (k3_xcplx_0 X0 X2) X1))) \end{aligned} \quad (5)$$

Assume the following.

$$\forall X0.\forall X1.((v1_xcplx_0 X0) \wedge (v1_xcplx_0 X1)) \Rightarrow (v1_xcplx_0 (k6_xcplx_0 X0 X1)) \quad (6)$$

Theorem 1 $\forall X0.(v1_xcplx_0 X0) \Rightarrow (k7_xcplx_0 X0 k6_numbers = k6_numbers).$