

t137_xcplx_1

(TMHq348uR53GDpy1hCZCMCcqwwqzFFDV9rSz)

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Let $v1_xcplx_0 : \iota \Rightarrow o$ be given. Let $k2_xcplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_xcplx_0 : \iota \Rightarrow \iota$ be given. Let $k6_numbers : \iota$ be given. Assume the following.

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (k2_xcplx_0 X0 k6_numbers = X0) \quad (1)$$

Assume the following.

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (v1_xcplx_0 (k4_xcplx_0 X0)) \quad (2)$$

Assume the following.

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (\forall X1.(v1_xcplx_0 X1) \Rightarrow ((X1 = k4_xcplx_0 X0) \Leftrightarrow (k2_xcplx_0 X0 X1 = k6_numbers))) \quad (3)$$

Theorem 1

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (\forall X1.(v1_xcplx_0 X1) \Rightarrow (X0 = k2_xcplx_0 X0 (k2_xcplx_0 X1 (k4_xcplx_0 X1))))$$