

t53_xcplx_1

(TMah7X9ZZtM5NwknTG9Lt9cRMybFYy9JDYW)

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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. Assume the following.

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (\forall X1.(v1_xcplx_0 X1) \Rightarrow ((X0 \neq k6_numbers) \Rightarrow (k3_xcplx_0 (k7_xcplx_0 X1 X0) X0 = X1))) \quad (1)$$

Theorem 1

$$\forall X0.(v1_xcplx_0 X0) \Rightarrow (\forall X1.(v1_xcplx_0 X1) \Rightarrow (\forall X2.(v1_xcplx_0 X2) \Rightarrow ((k7_xcplx_0 X1 X0 = k7_xcplx_0 X2 X0) \Rightarrow ((X0 = k6_numbers) \vee (X1 = X2)))))$$