

l25_xcplx_1
(TMJnStxq7L76hwp8QhjGiQTWxSKN1mTnjc2)

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Let $v1_xcplx_0 : \iota \Rightarrow o$ be given. Let $k3_xcplx_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k5_xcplx_0 : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. ((v1_xcplx_0 X0) \wedge (v1_xcplx_0 X1)) \Rightarrow (k3_xcplx_0 (k5_xcplx_0 X0) (k5_xcplx_0 X1) = k5_xcplx_0 (k3_xcplx_0 X0 X1)) \tag{1}$$

Theorem 1

$$\forall X0. (v1_xcplx_0 X0) \Rightarrow (\forall X1. (v1_xcplx_0 X1) \Rightarrow (k3_xcplx_0 (k5_xcplx_0 X0) (k5_xcplx_0 X1) = k5_xcplx_0 (k3_xcplx_0 X0 X1)))$$