t4_complex1 (TMbfQmXQ3EoXL8YLLPuaDqggFCNihffraDC)

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Let $k3\_complex1 : \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $k4\_complex1 : \iota \Rightarrow \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Let $k5\_arytm\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k1\_numbers) \Rightarrow (\forall X1.(m1\_subset\_1\ X1\ k1\_numbers) \Rightarrow ((k3\_complex1\ (k5\_arytm\_0\ X0\ X1) = X0) \wedge (k4\_complex1\ (k5\_arytm\_0\ X0\ X1) = X1))) \tag{1}$$

Assume the following.

$$m1\_subset\_1\ k6\_numbers\ k1\_numbers \tag{2}$$

Assume the following.

$$k6\_numbers = k5\_arytm\_0\ k6\_numbers\ k6\_numbers \tag{3}$$

Theorem 1

$$(k3\_complex1\ k6\_numbers = k6\_numbers) \wedge (k4\_complex1\ k6\_numbers = k6\_numbers)$$