t203_xcmplx_1 (TMUWJQkN-DEfHZrpFjVjw9qV5tApThVh6261)

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Let $v1\_xcmplx\_0 : \iota \Rightarrow o$ be given. Let $k6\_numbers : \iota$ be given. Let $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k5\_xcmplx\_0 : \iota \Rightarrow \iota$ be given. Let $k7\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np\_\_1 : \iota$ be given. Assume the following.

$$\forall X0.(v1\_xcmplx\_0\ X0) \Rightarrow (\forall X1.(v1\_xcmplx\_0\ X1) \Rightarrow ((X0 \neq k6\_numbers) \Rightarrow (X1 = k3\_xcmplx\_0\ (k3\_xcmplx\_0\ X1\ X0)\ (k7\_xcmplx\_0\ np\_\_1\ X0)))) \tag{1}$$

Assume the following.

$$\forall X0.(v1\_xcmplx\_0\ X0) \Rightarrow (k7\_xcmplx\_0\ np\_\_1\ X0 = k5\_xcmplx\_0\ X0) \tag{2}$$

Theorem 1

$$\forall X0.(v1\_xcmplx\_0\ X0) \Rightarrow (\forall X1.(v1\_xcmplx\_0\ X1) \Rightarrow ((X0 \neq k6\_numbers) \Rightarrow (X1 = k3\_xcmplx\_0\ (k3\_xcmplx\_0\ X1\ X0)\ (k5\_xcmplx\_0\ X0))))$$