l52_complex2 (TMFExvAqJCgP-tyVYjH9JUx8mgLAjfBACBXD)

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Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k2\_numbers : \iota$ be given. Let $k5\_square\_1 : \iota \Rightarrow \iota$ be given. Let $k17\_complex1 : \iota \Rightarrow \iota$ be given. Let $k7\_real\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3\_complex1 : \iota \Rightarrow \iota$ be given. Let $k4\_complex1 : \iota \Rightarrow \iota$ be given. Let $v1\_xcmplx\_0 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.(v1\_xcmplx\_0\ X0) \Rightarrow (k5\_square\_1\ (k17\_complex1\ X0) = k7\_real\_1\ (k5\_square\_1\ (k3\_complex1\ X0))\ (k5\_square\_1\ (k4\_complex1\ X0))) \tag{1}$$

Assume the following.

$$\forall X0.(m1\_subset\_1\ X0\ k2\_numbers) \Rightarrow (v1\_xcmplx\_0\ X0) \tag{2}$$

Theorem 1

$$\forall X0.(m1\_subset\_1\ X0\ k2\_numbers) \Rightarrow (k5\_square\_1\ (k17\_complex1\ X0) = k7\_real\_1\ (k5\_square\_1\ (k3\_complex1\ X0))\ (k5\_square\_1\ (k4\_complex1\ X0)))$$