l3_series_2 (TMUtmbnAtDucbqR1k4ghnsfVGpNTcAbTeJj)

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Let $v1\_xreal\_0 : \iota \Rightarrow o$ be given. Let $k1\_newton : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np\_\_3 : \iota$ be given. Let $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $np\_\_2 : \iota$ be given. Let $k3\_square\_1 : \iota \Rightarrow \iota$ be given. Let $np\_\_4 : \iota$ be given. Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow ((k1\_newton\ X0\ np\_\_3 = k3\_xcmplx\_0\ (k3\_square\_1\ X0)\ X0) \wedge ((k3\_xcmplx\_0\ (k1\_newton\ X0\ np\_\_3)\ X0 = k1\_newton\ X0\ np\_\_4) \wedge (k3\_xcmplx\_0\ (k3\_square\_1\ X0)\ (k3\_square\_1\ X0) = k1\_newton\ X0\ np\_\_4))) \tag{1}$$

Assume the following.

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (k3\_square\_1\ X0 = k1\_newton\ X0\ np\_\_2) \tag{2}$$

Theorem 1

$$\forall X0.(v1\_xreal\_0\ X0) \Rightarrow (k1\_newton\ X0\ np\_\_3 = k3\_xcmplx\_0\ (k1\_newton\ X0\ np\_\_2)\ X0)$$