

t67\_newton  
(TMZrVLaoDNZKq4nBmo6kScvuS3u7FjedFDb)

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Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $r1\_xreal\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k6\_numbers : \iota$  be given. Let  $v1\_int\_1 : \iota \Rightarrow o$  be given. Let  $k2\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k6\_nat\_d : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k3\_int\_2 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} & \forall X0.(v1\_int\_1 X0) \Rightarrow (\forall X1.(v1\_int\_1 X1) \Rightarrow (\exists X2. \\ & (v1\_int\_1 X2) \wedge (\exists X3.(v1\_int\_1 X3) \wedge (k3\_int\_2 X0 X1 = k2\_xcmplx\_0 \\ & (k3\_xcmplx\_0 X2 X0) (k3\_xcmplx\_0 X3 X1)))))) \end{aligned} \quad (1)$$

Assume the following.

$$\forall X0.\forall X1.((v7\_ordinal1 X0) \wedge (v7\_ordinal1 X1)) \Rightarrow (k6\_nat\_d X0 X1 = k3\_int\_2 X0 X1) \quad (2)$$

Assume the following.

$$\forall X0.(v7\_ordinal1 X0) \Rightarrow (v1\_int\_1 X0) \quad (3)$$

**Theorem 1**

$$\begin{aligned} & \forall X0.(v7\_ordinal1 X0) \Rightarrow (\forall X1.(v7\_ordinal1 X1) \Rightarrow (\neg \\ & (\neg(r1\_xreal\_0 X0 k6\_numbers) \wedge (r1\_xreal\_0 X1 k6\_numbers)) \wedge \\ & (\forall X2.(v1\_int\_1 X2) \Rightarrow (\forall X3.(v1\_int\_1 X3) \Rightarrow (k2\_xcmplx\_0 \\ & (k3\_xcmplx\_0 X2 X0) (k3\_xcmplx\_0 X3 X1) \neq k6\_nat\_d X0 X1)))))) \end{aligned}$$