

t3\_polynom5  
(TMQa9T74bNKg1arauwtfel186grUDfJR8kfR)

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Let  $v1\_xreal\_0 : \iota \Rightarrow o$  be given. Let  $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k6\_numbers : \iota$  be given. Let  $np\_1 : \iota$  be given. Let  $k3\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} & \forall X0.(v1\_xreal\_0 X0) \Rightarrow (\forall X1.(v1\_xreal\_0 X1) \Rightarrow ((\forall X2. \\ & (v1\_xreal\_0 X2) \Rightarrow (\neg(\neg r1\_xxreal\_0 X2 k6\_numbers) \wedge ((\neg r1\_xxreal\_0 \\ & np\_1 X2) \wedge (\neg r1\_xxreal\_0 X0 (k3\_xcmplx\_0 X2 X1)))))) \Rightarrow (r1\_xxreal\_0 \\ & X0 k6\_numbers)) \end{aligned} \tag{1}$$

**Theorem 1**

$$\begin{aligned} & \forall X0.(v1\_xreal\_0 X0) \Rightarrow (\forall X1.(v1\_xreal\_0 X1) \Rightarrow ((\forall X2. \\ & (v1\_xreal\_0 X2) \Rightarrow (\neg(\neg r1\_xxreal\_0 X2 k6\_numbers) \wedge ((\neg r1\_xxreal\_0 \\ & np\_1 X2) \wedge (\neg r1\_xxreal\_0 X1 (k3\_xcmplx\_0 X2 X0)))))) \Rightarrow (r1\_xxreal\_0 \\ & X1 k6\_numbers)) \end{aligned}$$