

# l2\_polynom4 (TMUbfSEhBWg- LYG7tNT5asWpULmmCL3e6h7R)

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Let  $v2\_struct\_0 : \iota \Rightarrow o$  be given. Let  $v6\_algstr\_0 : \iota \Rightarrow o$  be given. Let  $v1\_vectsp\_1 : \iota \Rightarrow o$  be given. Let  $v1\_algstr\_1 : \iota \Rightarrow o$  be given. Let  $l6\_algstr\_0 : \iota \Rightarrow o$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $u1\_struct\_0 : \iota \Rightarrow \iota$  be given. Let  $k6\_algstr\_0 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_struct\_0 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\begin{aligned} \forall X0. ((\neg v2\_struct\_0 X0) \wedge ((v6\_algstr\_0 X0) \wedge ((v1\_algstr\_1 \\ X0) \wedge ((v1\_vectsp\_1 X0) \wedge (l6\_algstr\_0 X0)))))) \Rightarrow (\forall X1. (m1\_subset\_1 \\ X1 (u1\_struct\_0 X0)) \Rightarrow (k6\_algstr\_0 X0 X1 (k4\_struct\_0 X0) = k4\_struct\_0 \\ X0)) \end{aligned} \tag{1}$$

**Theorem 1**

$$\begin{aligned} \forall X0. ((\neg v2\_struct\_0 X0) \wedge ((v6\_algstr\_0 X0) \wedge ((v1\_vectsp\_1 \\ X0) \wedge ((v1\_algstr\_1 X0) \wedge (l6\_algstr\_0 X0)))))) \Rightarrow (\forall X1. (m1\_subset\_1 \\ X1 (u1\_struct\_0 X0)) \Rightarrow (k6\_algstr\_0 X0 X1 (k4\_struct\_0 X0) = k4\_struct\_0 \\ X0)) \end{aligned}$$