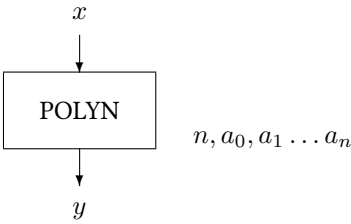


Block POLYN

The POLYN block defines a polynomial.

$$\sum_{i=0}^n$$



Name	POLYN
Function	fb0012
Inputs	1
Outputs	1
Parameters	2 ... [12]
Strings	0
Group	S

Inputs

1 Any value x

Outputs

1 $y = a_0 + a_1x + a_2x^2 + \dots + a_nx^n$

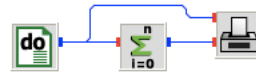
Parameters

- 1 Order $0 \leq n \leq 10$ of the polynom
- 2 Coefficient a_0
- 3 Coefficient a_1
- $n+2$ Coefficient a_n

Strings

None

polyn.vseit



A **DO** block delivers values from -1 to 2 in steps of 0.01 . The **POLYN** block calculates the polynomial $y(x) = 2x^2 + x$.

The **PLOT** block displays the graph.

