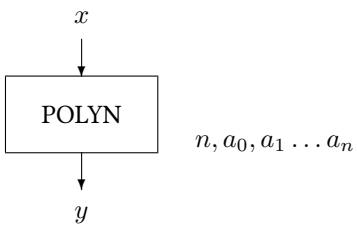
Block POLYN

The POLYN block defines a polynom.



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

Inputs

1	Any value x

Outputs

1	$y = a_0 + a_1 x + a_2 x^2 + \ldots + a_n x^n$

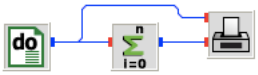
Parameters

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 polynom $y(x) = 2\,x^2 + x$.

The PLOT block displays the graph.

