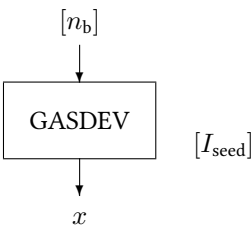


Block GASDEV

The GASDEV block returns a normally distributed deviate with zero mean and unit variance.



Name	GASDEV
Function	fb0047
Inputs	0 ... [1]
Outputs	1
Parameters	0 ... [1]
Strings	0
Group	S

Inputs

- 1
- Block number n_b of a predecessor (optional)

Outputs

- 1
- Normally distributed deviate x with zero mean and unit variance

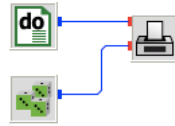
Parameters

- 1
- Initialization I_{seed} of random number generator, set to 1536 by default; the sign of I_{seed} is ignored

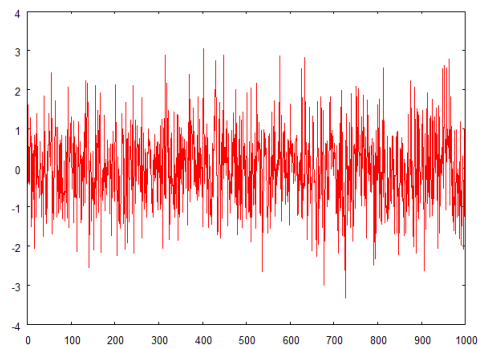
Strings

None

gasdev.vseit



In a [DO](#) block 1000 clicks are generated by the parameter setting. For each click the [GASDEV](#) block generates one normal distributed random number. The output of the [DO](#) block and the output of the [GASDEV](#) block is then plotted by the [PLOT](#) block.



See also [Block RAN1](#).