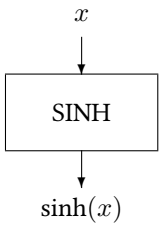
Block SINH

The SINH block returns the hyperbolic sine of its input.





Name	SINH
Function	fb0068
Inputs	1
Outputs	1
Parameters	0
Strings	0
Group	S

Inputs

1 Any signal x

Outputs

1 Hyperbolic sine

Parameters

None

Strings

None

Description

The hyperbolic sine is defined as

$$\sinh(x) = \frac{\exp(x) - \exp(-x)}{2}$$

sinh.vseit



A DO block varies x from -4 to $+4$ in steps of 0.01. The SINH block calculates $\sinh(x)$ and the PLOT block displays the graph on screen.

