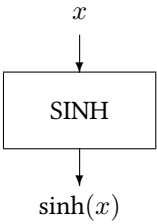


Block SINH

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.

