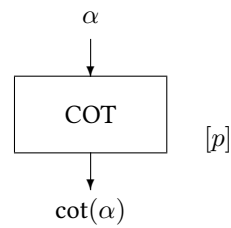


Block COT

The COT block returns the cotangent of its input.



Name	COT
Function	fb0007
Inputs	1
Outputs	1
Parameters	0 ... [1]
Strings	0
Group	S

Inputs

- | | |
|---|--------------------|
| 1 | Any angle α |
|---|--------------------|

Outputs

- | | |
|---|-----------------------|
| 1 | Cotangent of α |
|---|-----------------------|

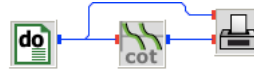
Parameters

- | | |
|---|--|
| 1 | Degrees / radians switch p . If p is set to 0 (default) α is interpreted in degrees. If p is set to 1 α is interpreted in radians. |
|---|--|

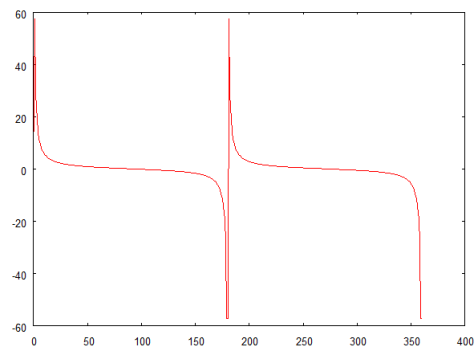
Strings

	None
--	------

cot.vseit



A **DO** block varies α from 0 to 360 degrees in steps of one degree. The **COT** block calculates $\cot(\alpha)$ and the **PLOT** block displays the graph on screen.



The **COT** block recognizes the discontinuities at 0, 180, and 360 degrees and displays warnings.

W05007 Block 00002: Input angle too close to discontinuity

W05008 Block 00002: Calls close to discontinuity: 3

See also Blocks **ACOS**, **ACOT**, **ASIN**, **ATAN**, **COS**, **SIN**, and **TAN**.