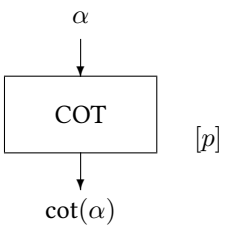
Block COT

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

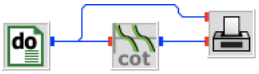
Parameters

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.

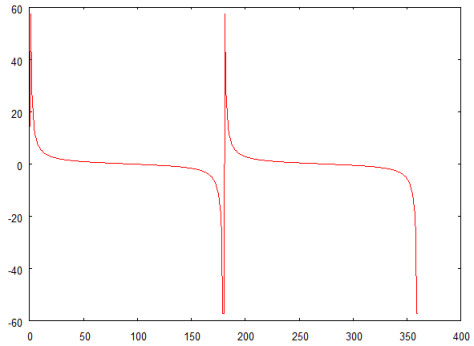
Strings

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.