Block CUMP

The CUMP block cumulates its input signal over a number of steps as defined through its parameter.



Name	CUMP
Function	fb0020
Inputs	1 . . . [50]
Outputs	1 . . . [50]
Parameters	1
Strings	0
Group	I

Inputs

i	Any signal x_i

Outputs

i	Cumulated sum s_i of x_i over p calls

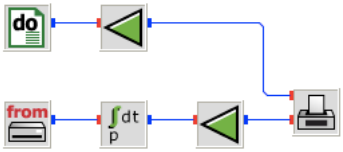
Parameters

1	Number p of steps to cumulate the input x_i

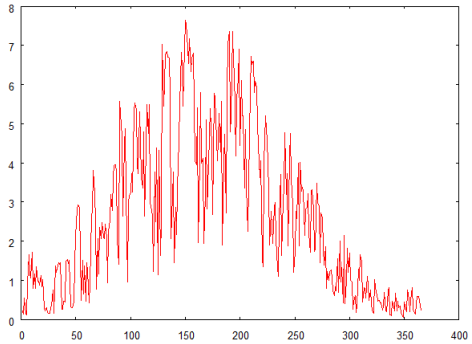
Strings

None

cump.vseit



A DO block runs through all 8760 hours of a year. The READ block reads radiation data from a data file in W/m^2. The CUMP block cumulates the data over the day. An ATT block converts the result into kWh/m^2. Finally, the PLOT block displays the time series of daily radiation data.



See also Blocks CUM, CUMC.