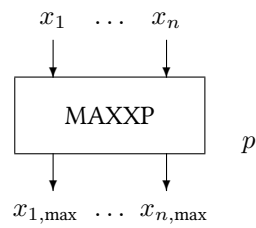


Block MAXXP

The MAXXP block finds the maximum of its input signal over a number of steps as defined through its parameter.



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

Inputs

i Any signal x_i

Outputs

i Maximum $x_{i,max}$ of x_i

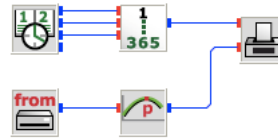
Parameters

1 Number p of steps to find the maximum $x_{i,max}$

Strings

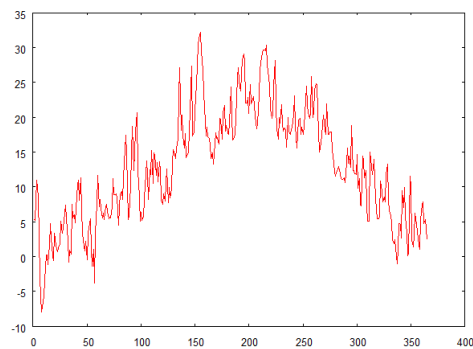
None

maxxp.vseit



A **CLOCK** block runs through one year in steps of one hour and controls reading the data file `meteo82.dat` from the `examples/data` directory as specified by the parameters of a **READ** block. By definition of the Format parameter of the **READ** block (33X,F5.1,26X) only columns 34–38 are evaluated. These contain ambient temperature data in degrees Celsius.

Since the parameter of the **MAXXP** block is set to 24, daily maxima of the temperature data are calculated by the **MAXXP** block and finally displayed as graph by the **PLOT** block.



See also Block **MINNP**.