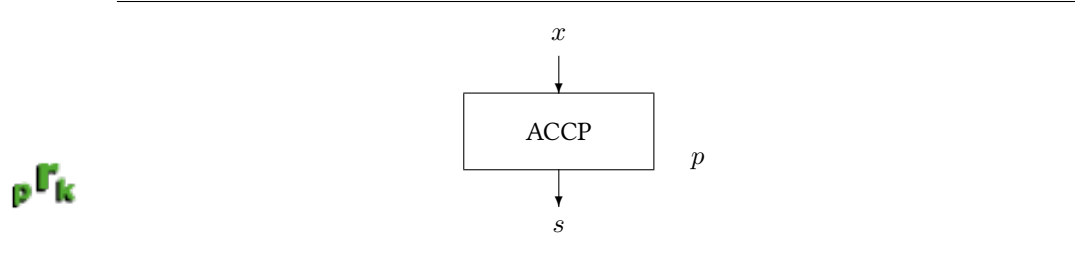


Block ACCP

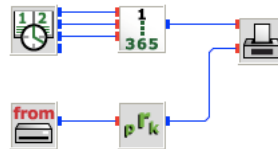
The ACCP block calculates the sample autocorrelation coefficient at a given lag over a number of steps as defined through a parameter.



Name	ACCP
Function	fb0067
Inputs	1
Outputs	1
Parameters	1 . . . [2]
Strings	0
Group	I

Inputs	1	Any signal x
Outputs	1	Autocorrelation coefficient r_k over p calls.
Parameters	1	Number of steps p
	2	Lag k (default $k = 1$)
Strings		None

accp.vseit



The calculation of the daily auto-correlation coefficients is similar to the examples for the **ACC** block and the **ACCC** block. Again, the same time series is used. The **READ** block is driven by a **CLOCK** block which delivers the year, month, day and hour in one-hour resolution.

The dates are converted into the day of the year by the **DOY** block as convenient x -axis for the **PLOT** block, which displays the time series of the hourly auto-correlation coefficients as calculated by the **ACC** block.

