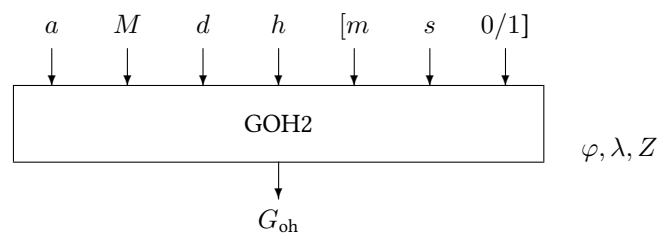


Block GOH2

The GOH2 block returns the radiation outside atmosphere on a horizontal surface.

Internally, it simply calls [GOH](#) which uses an old convention for timezone and longitude.



Name	GOH2
Function	em0112
Inputs	4 ... [7]
Outputs	1
Parameters	3
Strings	0
Group	S

Inputs

- 1 Year a (for example 2021)
- 2 Month $M \in [1, 12]$
- 3 Day $d \in [1, 31]$
- 4 Hour $h \in [0, 23]$
- 5 Minute $m \in [0, 59]$
- 6 Second $s \in [0, 60)$
- 7 Daylight saving time (0 no, 1 yes)

Outputs

- 1 Radiation outside the atmosphere on a horizontal surface $G_{\text{oh}} / \text{W m}^{-2}$

Parameters

- 1 Latitude $\varphi \in [-90^\circ, +90^\circ]$, northern hemisphere positive
- 2 Longitude $\lambda \in [-180^\circ, 180^\circ]$, Greenwich = 0° , west positive
- 3 UTC Time zone $Z \in [-12, 12]$, e. g., Central European Time: $Z = +1$

Strings

None