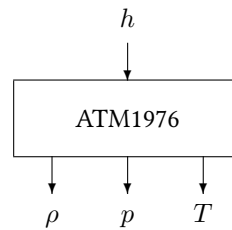


Block ATM1976

The ATM1976 block calculates the properties of the U.S. Standard Atmosphere 1976 to 86 km.



Name	ATM1976
Function	em0024
Inputs	1
Outputs	3
Parameters	0
Strings	0
Group	S

Inputs

- | | |
|---|---|
| 1 | Geometric altitude h / km. Heights greater than 100 km are limited to 100 km. |
|---|---|

Outputs

- | | |
|---|--|
| 1 | Density / sea-level standard density |
| 2 | Pressure / sea-level standard pressure |
| 3 | Temperature / sea-level standard temperature |

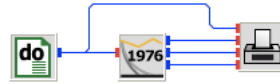
Parameters

None

Strings

None

atm1976.vseit



A [DO](#) block provides heights from 0 to 86 km in steps of 1 km. The [ATM1976](#) blocks calculates density, pressure and temperature ratios, which are displayed by a [PLOT](#) block.

