

Block GMIX

The GMIX block distributes heat flux and beam and diffuse radiation over six walls.



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Inputs

- 1 Heat flux (excluding radiation) / W
- 2 Beam radiation / W
- 3 Diffuse radiation / W
- 4 Deviation from normal azimuth / degrees
- 5 Effective elevation / degrees

Outputs

- 1 Global heat flux to opposing wall / W m^{-2}
- 2 Global heat flux to right wall / W m^{-2}
- 3 Global heat flux to self / W m^{-2}
- 4 Global heat flux to left wall / W m^{-2}
- 5 Global heat flux to floor / W m^{-2}
- 6 Global heat flux to ceiling / W m^{-2}

Parameters

- 1 Width of wall through which heat flux enters / m
- 2 Distance to opposing wall / m
- 3 Room height / m
- 4 x -coordinate of lower left glas corner

- 5 *y*-coordinate of lower left glas corner
- 6 Glas width / m
- 7 Glas height / m

Strings

None
