

Block FPARAP

The F90P block calculates the radiation shape factor of two parallel displaced rectangles without a common edge.



FPARAP

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Inputs

None

Outputs

- 1 Radiation shape factor $F_{1 \rightarrow 2}$
- 2 Radiation shape factor $F_{2 \rightarrow 1}$

Parameters

- 1 x -coordinate displacement x_1 of area 1 (sender)
- 2 x_2 coordinate of area 1 (width $+x_1$)
- 3 y -coordinate displacement y_1 of area 1 (sender)
- 4 y_2 coordinate of area 1 (depth $+y_1$)
- 5 x -coordinate displacement x_1 of area 2 (receiver)
- 6 x_2 coordinate of area 2 (width $+x_1$)
- 7 y -coordinate displacement y_1 of area 2 (receiver)
- 8 y_2 coordinate of area 2 (depth $+y_1$)
- 9 Distance z between the parallel planes

Strings

None