rows() — Number of rows and number of columns

Description Syntax Remarks and examples Conformability Diagnostics Also see

Description

rows(P) returns the number of rows of P.

cols(P) returns the number of columns of P.

```
length(P) returns rows(P)*cols(P).
```

Syntax

real scalar rows(transmorphic matrix P) real scalar cols(transmorphic matrix P) real scalar length(transmorphic matrix P)

Remarks and examples

length(P) is typically used with vectors, as in

Conformability

rows(P), cols(P), length(P): P: $r \times c$ result: 1×1

Diagnostics

rows(P), cols(P), and length(P) return a result that is greater than or equal to zero.

Also see

[M-4] Utility — Matrix utility functions

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