

**uniqrows()** — Obtain sorted, unique values

Syntax Diagnostics	Description Also see	Remarks and examples	Conformability
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## Syntax

*transmorphic matrix* `uniqrows(transmorphic matrix P)`

## Description

`uniqrows(P)` returns a sorted matrix containing the unique rows of *P*.

## Remarks and examples

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```

: x
      1  2  3
1     4  5  7
2     4  5  6
3     1  2  3
4     4  5  6

: uniqrows(x)
      1  2  3
1     1  2  3
2     4  5  6
3     4  5  7

```

## Conformability

`uniqrows(P)`

*P*:  $r_1 \times c_1$   
*result*:  $r_2 \times c_1$ ,  $r_2 \leq r_1$

## Diagnostics

In `uniqrows(P)`, if `rows(P)==0`, `J(0, cols(P), missingof(P))` is returned.

If `rows(P)>0` and `cols(P)==0`, `J(1, 0, missingof(P))` is returned.

## Also see

[M-5] [sort\(\)](#) — Reorder rows of matrix

[M-4] [manipulation](#) — Matrix manipulation