Title

editvalue( ) — Edit (change) values in matrix

Syntax

> *matrix*   editvalue(*matrix A*, *scalar from*, *scalar to*)

> *void*   _editvalue(*matrix A*, *scalar from*, *scalar to*)

where *A*, *from*, and *to* may be real, complex, or string.

Description

editvalue(*A*, *from*, *to*) returns *A* with all elements equal to *from* changed to *to*.

_editvalue(*A*, *from*, *to*) does the same thing but modifies *A* itself.

Remarks and examples

editvalue() and _editvalue() are fast.

If you wish to change missing values to nonmissing values, it is better to use [M-5] **editmissing( )**.
editvalue(*A*, ., 1) would change all . missing values to 1 but leave .a, .b, ..., .z unchanged.
editmissing(*A*, 1) would change all missing values to 1.

Conformability

editvalue(*A*, *from*, *to*):

A:	$r \times c$
from:	1×1
to:	1×1
result:	$r \times c$

_editvalue(*A*, *from*, *to*):

input:

A:	$r \times c$
from:	1×1
to:	1×1

output:

A:	$r \times c$

Diagnostics

editvalue(A, *from*, *to*) returns a matrix of the same type as A.

editvalue(A, *from*, *to*) and _editvalue(A, *from*, *to*) abort with error if *from* and *to* are incompatible with A. That is, if A is real, *to* and *from* must be real. If A is complex, *to* and *from* must each be either real or complex. If A is string, *to* and *from* must be string.

_editvalue(A, *from*, *to*) aborts with error if A is a view.

Also see

[M-5] **editmissing( )** — Edit matrix for missing values

[M-4] **manipulation** — Matrix manipulation