

**`_negate()`** — Negate real matrix

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## Description

`_negate(X)` speedily replaces  $X = -X$ .

## Syntax

```
void _negate(real matrix X)
```

## Remarks and examples

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Coding `_negate(X)` executes more quickly than coding  $X = -X$ .

However, coding

```
B = A
_negate(B)
```

does not execute more quickly than coding

```
B = -A
```

## Conformability

`_negate(X)`:

<i>X</i> :	$r \times c$
<i>result</i> :	<i>void</i>

## Diagnostics

None.  $X$  may be a view.

## Also see

[M-4] [utility](#) — Matrix utility functions