negate() — Negate real matrix

Description

_negate(X) speedily replaces \( X = -X \).

Syntax

\[
void \ _negate(real \ matrix \ X)
\]

Remarks and examples

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):

\[
X: \quad r \times c
\]

result: \quad void

Diagnostics

None. \( X \) may be a view.

Also see

[M-4] Utility — Matrix utility functions