

Description

`isrealvalues(X)` returns 1 if *X* is of storage type `real` or if *X* is of storage type `complex` and all elements are real or missing; 0 is returned otherwise.

Syntax

real scalar `isrealvalues(numeric matrix X)`

Remarks and examples

`isrealvalues(X)` is logically equivalent to `X==Re(X)` but is significantly faster and requires less memory.

Conformability

`isrealvalues(X)`:
X: $r \times c$
result: 1×1

Diagnostics

`isrealvalues(X)` returns 1 if *X* is void and complex.

Also see

[M-5] [isreal\(\)](#) — Storage type of matrix

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

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