

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 `$X == \text{Re}(X)$` but is significantly faster and requires less memory.

Conformability

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

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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