e( ) — Unit vectors

Description   Syntax   Conformability   Diagnostics   Also see

Description

$e(i, n)$ returns a $1 \times n$ unit vector, a vector with all elements equal to zero except for the ith, which is set to one.

Syntax

> *real rowvector* $e(\textit{real scalar } i, \textit{real scalar } n)$

Conformability

$e(i, n)$:

i:	1×1
n:	1×1
result:	$1 \times n$

Diagnostics

$e(i, n)$ aborts with error if $n < 1$ or if $i < 1$ or if $i > n$. Arguments i and n are interpreted as $\texttt{trunc}(i)$ and $\texttt{trunc}(n)$.

Also see

[M-4] **Standard** — Functions to create standard matrices