

Description

`mod(x, y)` returns the elementwise modulus of x with respect to y . `mod()` is defined

$$\text{mod}(x, y) = x - y * \text{trunc}(x/y)$$

Syntax

real matrix `mod(real matrix x, real matrix y)`

Conformability

`mod(x, y)`:

<i>x</i> :	$r_1 \times c_1$	
<i>y</i> :	$r_2 \times c_2$,	x and y r-conformable
<i>result</i> :	$\max(r_1, r_2) \times \max(c_1, c_2)$	(elementwise calculation)

Diagnostics

`mod(x, y)` returns missing when either argument is missing or when $y = 0$.

Also see

[\[M-4\] Scalar](#) — Scalar mathematical functions

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