

$$A: [m] \times [n]$$

$A(1,1)$	$A(2,1)$...	$A(m, 1)$	$A(2,1)$...	$A(m,n)$
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$$A_v = \text{vec}(A): [mn] \times [1]$$

$A_v(1,1)$	$A_v(2,1)$...	$A_v(m, 1)$	$A_v(m + 1,1)$...	$A_v(mn, 1)$
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