

# INTRODUCTION TO MATLAB

Friday, February 10, 2023 9:13 AM

$$x = \begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix}$$

$x(2,2)$   
= 5

$$y = \begin{bmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{bmatrix}$$

$$x * y$$

$x * y$

$$\begin{bmatrix} 4 & 2 & 1 \\ 2 & 8 & 2 \\ 6 & 8 & 2 \end{bmatrix} \begin{bmatrix} 7 \\ 1 \\ 2 \end{bmatrix} = \begin{bmatrix} 8 \\ 4 \\ 0 \end{bmatrix}$$

A \ B

$$4x + 2y + z = 8 \quad -6$$

$$2x + 8y + 2z = 4$$

$$6x + 6y + 2z = 0$$

$$x^2 - 1 = 0$$

[1 0 1]