



[x, x2 x3 x4 x5 x6 x7 x8 x9] Mattab Command: linspace (a, b, 9) Example: linspace (-1, 1, 3) 3 [-1 0 1] linspace (-1,1,5) MD [-1.0 -0.5 0 0.5 1.0] -, - 20 /2 1 Reading Assignment: · Chapter I of WLIL Matrix Entries and Submatrices S'posse we have a matrix A Def: The (i;) entry of A is the entry on the ith row and jth column  $\frac{E_X}{A} : A = \begin{bmatrix} 1 & 3 \\ 2 & 9 \end{bmatrix}$ The (3,1) entry is 9 MATLAB command A(i,j) is the (i,j) entry! Def: A submatrix of A is a matrix we get by just choosing subsets of the rows + columns  $A = \begin{bmatrix} 1 & 3 \\ 2 & 9 \end{bmatrix}$   $B = \begin{bmatrix} 1 & 3 \\ 2 & 9 \end{bmatrix}$ Submotrix

MATLAB command: