MECH 6300-UW3

TO 0 1

A = 0 0 1

N(5) =
$$15I - Al = \begin{vmatrix} 5 - 1 & 0 \\ 0 5 - 1 \\ -4 - 2 5 \end{vmatrix}$$

= $5(5^2 - 2) + H(0 - 4)$

= $5^3 - 25 - 4$

A(5) = $(5 - 2)(5 - (-1+3))(5 - (-1-3))$

T = $(0 - 1+3)$

J= 0-1+3 0 00-1-5