o The Cross Product Def. The cross product of  $u = \int u_1 \int and v = \int v_2 \int u_3 \int$ is ux V defined by  $\begin{bmatrix}
 U_2 V_3 - U_3 V_2 \\
 U_3 V_1 - U_1 V_3
 \end{bmatrix} = \begin{vmatrix}
 \lambda & \overline{J} & R \\
 U_1 & U_2 & U_3 \\
 V_1 & V_2 & V_3
 \end{vmatrix}$ =1×/12 1/3)-5/1, 1/3/+8/11, 1/2/ V2 1/3/-5/V1 V2/ Rem-a)(UXV). U=0 (uxv). V = 0b) 11UXVII = 1/U1/11VII SIND A==11UXVII