Assymmen 401 Note: Due date of assignment cubmission is 17/10/2021 91: For what realwas had k is the following eystem consistent? $2\eta - x_2 = h$ -61/ +31/2 = K. S2: Solve the system X, -3x2+4x3 = -4 31, -712+713 =-8 -4n +6x2-x3=7 (i) matrix Inversion method (ii) Cramer's Rule (iii) Gaus Elimination method in Gauss-Jordan B3. Verify That det A = det B + det C; where $A = \begin{cases} a_{11} & a_{12} & u_1 + u_1 \\ a_{21} & a_{22} & u_2 + v_2 \\ a_{31} & a_{32} & u_3 + v_3 \end{cases}, B = \begin{cases} a_{11} & a_{12} & u_1 \\ a_{21} & a_{22} & u_2 \\ a_{31} & a_{32} & u_3 + v_3 \end{cases}$ C= (a11 a12 V, a21 a22 V2 a31 a32 V2