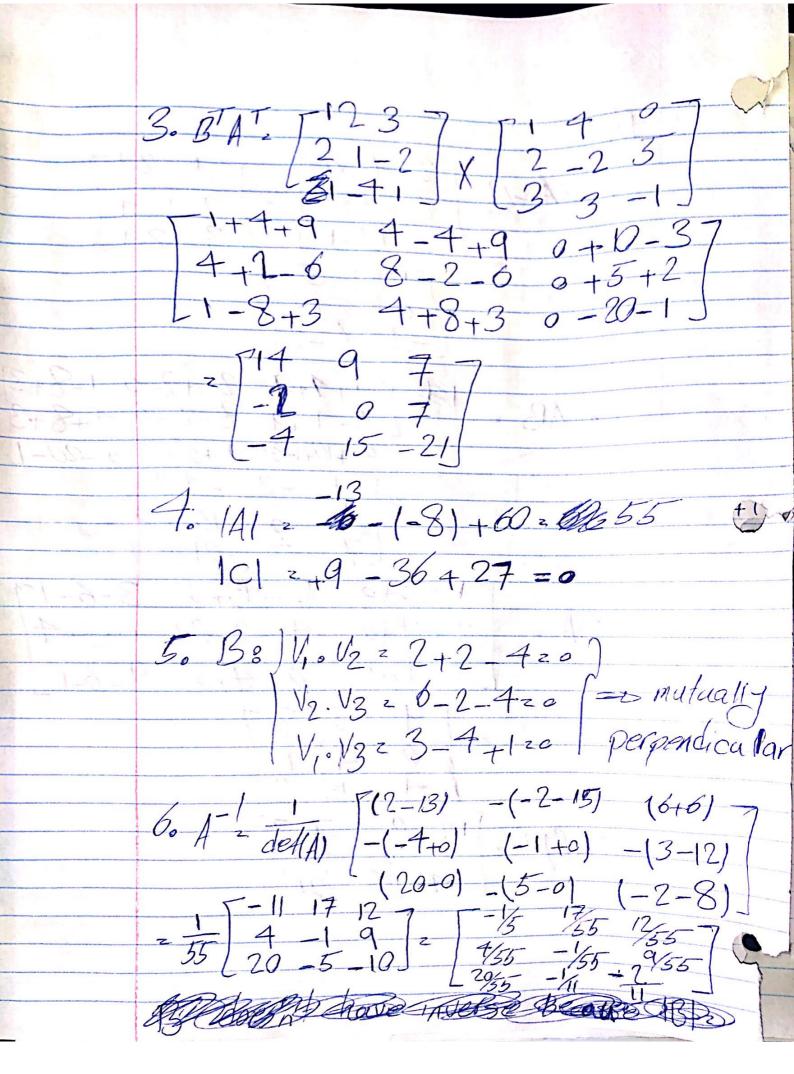
1.2A-B=2[2]-[2]-[-1] 7. 11 All = V12 2 32 = J14 Q = COS [A.X] = COS [JAX] J. 74° 3. Az (123) [3/14]

J14 [3/4] 4. Cosine X2 _ cosine B2 2 cosine 82 3/ 5. A.B - 4-10+18:32 B. A = 4 0+ 18 = 32 6. $\theta_{AB}^{\cos 7} \left[\begin{array}{c} A.B \\ IIAII IIBII \end{array} \right] \left[\begin{array}{c} J_{14} \\ J_{14} \end{array} \right] \left[\begin{array}{c} J_{12} \\ J_{14} \end{array} \right] \left[\begin{array}{c} J_{12} \\ J_{23} \end{array} \right]$ z Cos [0.9746] = 12.94. 7. Uz (V, V2, V3) A. Uzo =DU + 202 + 30320, 0, 21, Ug=4 =D U2 []

11. AB = [123] \$7-32 BA: [456] [3]-32

1 1+4+9 2+2-6 1-8+3 4-++9 8-2-6 ++8+3 2. AB = 8+4-5 9-6-



$$C_{1} = \frac{1}{3} \frac{2}{2} - \frac{1}{3} \frac{2}{4} + \frac{1}{3} \frac{2}{3} = 0$$

$$= \frac{1}{3} \frac{1}{3} \frac{2}{3} - \frac{1}{3} \frac{2}{3} = 0$$

$$= \frac{1}{3} \frac{1}{3} \frac{2}{3} - \frac{1}{3} \frac{2}{3} = 0$$

$$= \frac{1}{3} \frac{1}{3} \frac{1}{3} - \frac{1}{3} = 0$$

$$= \frac{1}{3} \frac{1}{3} \frac{1}{3} + \frac{1}{3} = 0$$

$$= \frac{1}{3} \frac{1}{3} \frac{1}{3} + \frac{1}{3} = 0$$

$$= \frac{1}{3} \frac{1}{3} \frac{1}{3} + \frac{1}{3} = 0$$

$$= \frac{1}{3} \frac{1}{3} \frac{1}{3} \frac{1}{3} = 0$$

$$= \frac{1}{3} \frac{1}{3} \frac{1}{3} \frac{1}{3} \frac{1}{3} = 0$$

$$= \frac{1}{3} \frac{1}$$

A= [32] C/ 2. V2 [-13] = 0 V2 - 1 1 3 - 27 = 0 V2 [-13] = 0 V2 - 5 [-1] = V - A = [-3 45] VAV2 [-3 57[-3] 3. /-1/3/3/2 2-3=-2