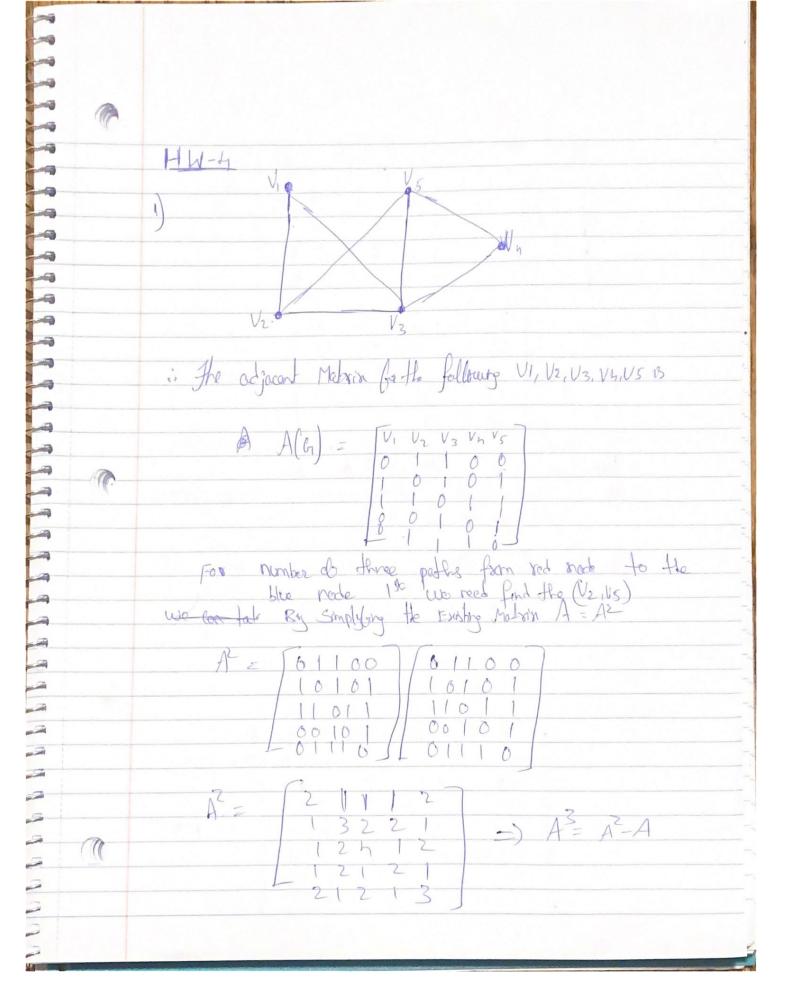
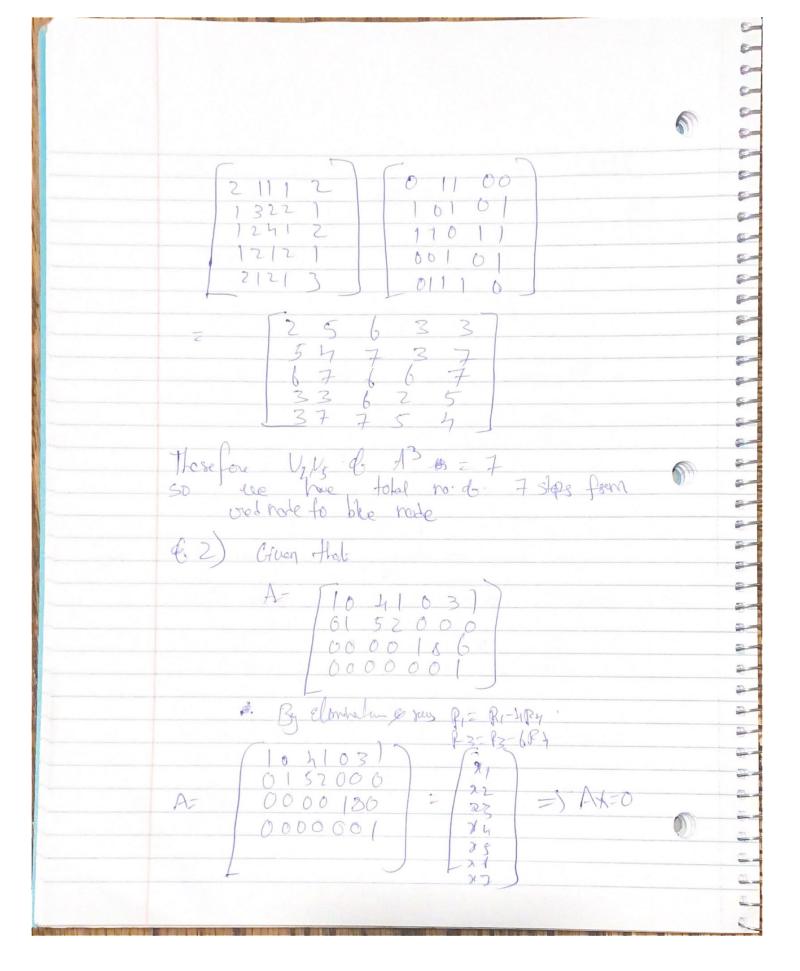
Colum that uson contains Black bells = 17 = P(10) Tolse no de ways The published that her can make Exordy in selections P(X=K) = (P)(2) K-1 Probabits of sicres = P

11 11 failure = 1-P

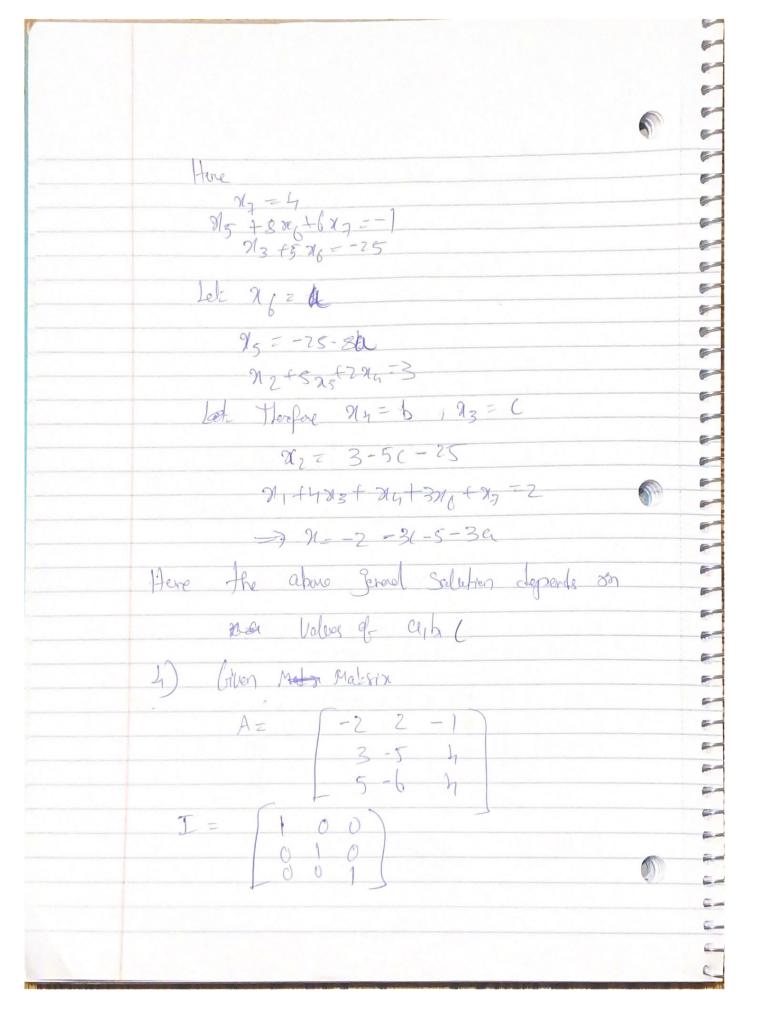
P(K success 5, N-K fallers) = P(SF, F, S---F)

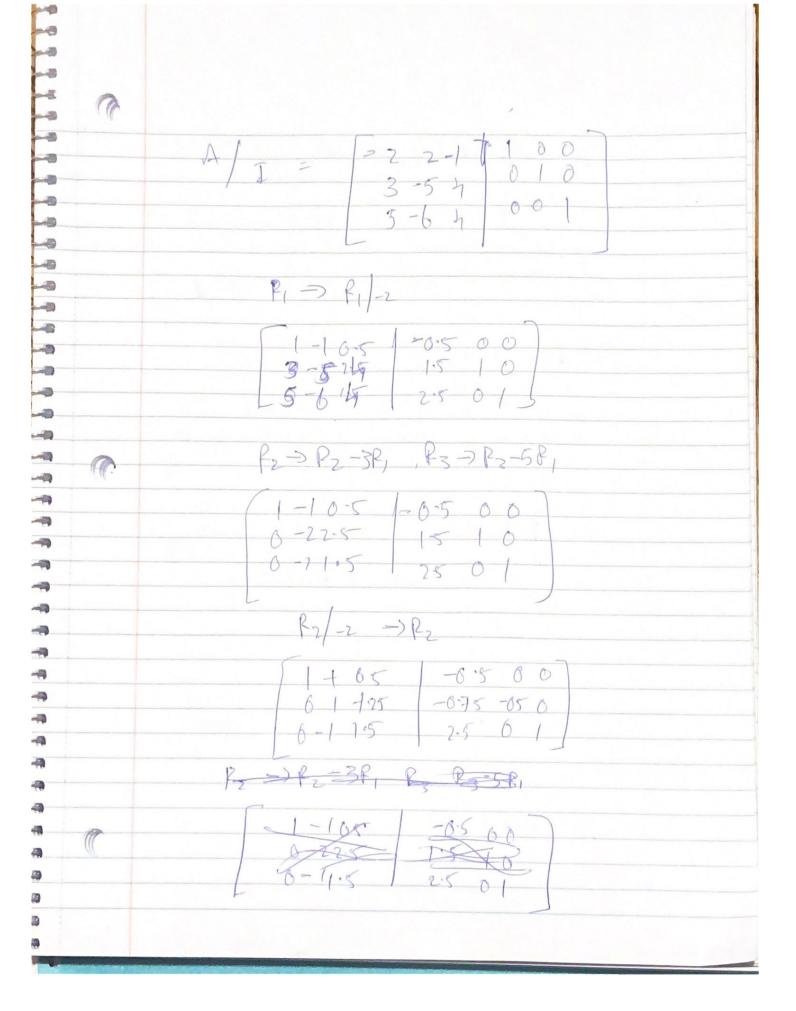
P(I-P) n-K 4.11) we have It was to award I slead & n-k failers in a Squehee. ni(n-10)! Assugnate in Egled (skely. 0

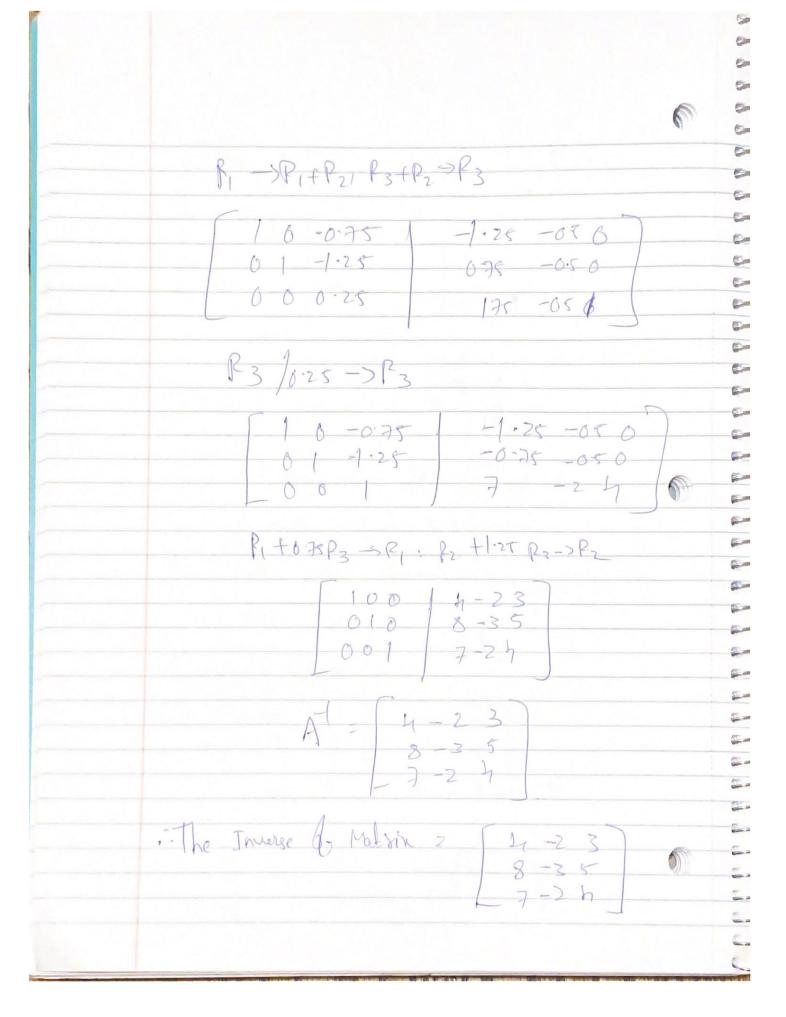




from the both A and on we have 2, +4x3 + 24+376=0 2, +523+2×4=0 d 5+87 =0 77=0 21 = 24a-b-36 9/2 = 50-26 915 = - 86 97-0 Salutions = a (-4:1-5, 1,0,0,0) + b(-1,-2,0,1,0,0,0) + ((-3,0,0,0,-8,1,0) (sen find general Salution AX = b whose b=(2,3,-1,4) from the above problem we have the Solutions of 10 10 1041031 21 6152000 0000186 77 0000001 17 107 10 AX= 6 D TO TO 10 13







5) O (sten that A&B are OY 10 Matrices, such that det (A) = 4 det (B) = 5

B Matric Cris obtained by Exchanging raws 5 and 7 & A

Then scaling raws 9 by 3.

Matrix O obtained by Exchanging columns 103 Det of ABCOD = ? 10-5 Det (1) = -3 x det (A) 1 0 -> Let (d) = 2/4 Let (B) = 102445 -5120 4 Here det(A-1BCD) = 1 -4 4 4 del (ABCD) = del (AT) del (B) del (CT) del (D) 4 4 = 1 3 x = x lozh x5 4 D -3/2015 -25600 #=533×3 D