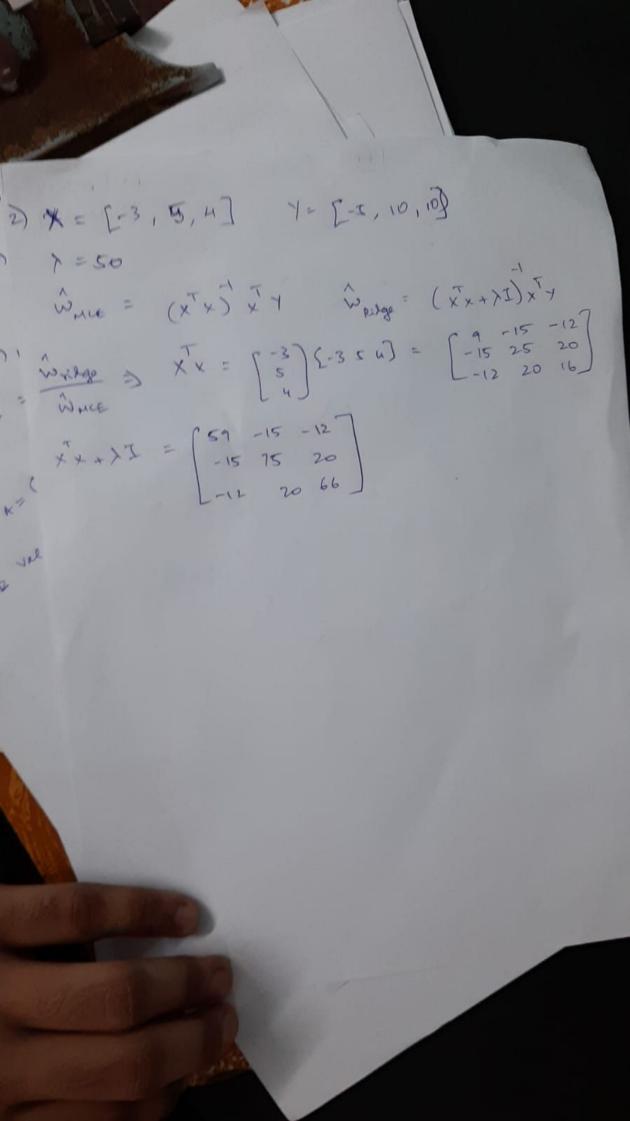
PRML Quiz ! N. KAUSIK CEZIMOST ) 8 (Y=1 (X=x) = 1 1 + e (F=+ F; X, + F2 X 2) = - (2, + p2 x2) 8(4=1/x=[1,3]) · 0.5 · = = = = = (1 · 02/2) 3 - ( P2+1) = 1 3 P2+1 = 0 3 P3 = 2 P(Y=1 (x=[1, =]) = - (1-1-3) - (1-1) = 0.562176



my (4) For dese A. ple are, (1,1), (2,3), (2,4), (5,3) For class B, ple der. (8,6), (9,6), (11,7), (8,8) Cov (A,B)

(8,6), (1,0), (11,0), (11,0)

(ov (A,B)

(cov (A,B)

(cov (A,B)

(cov (A,B) PL° =  $\{ \{ \{ \{ \{ \{ \} \} \} \} \} \} \}$   $\{ \{ \{ \{ \{ \{ \} \} \} \} \} \} \} \}$   $\{ \{ \{ \{ \{ \{ \} \} \} \} \} \} \} \} \}$   $\{ \{ \{ \{ \{ \{ \} \} \} \} \} \} \} \} \}$  So option (A).

5) values, (-2,-1), (2,-1), (3,-1), (1,1) 5 Transported \$ ((-2,u),-1), ((2,u),-1), ((3,9),-1), Coeff me

5.5 6) as ni sed ni, we dose for n and Zz, K(x, Zx) => 112; -x; 11 ~ 0 al x al z, me far, K(n,21) => 11x; -x; 112 is high, k(x,2,) ~ e 8) P(st 1 / 1,2, not 3) = P(st 1 (set 1) P(2/st 1) P(not 3/set) P(1) P(2) P(not 3) = 25 × 10 × 15 × 40 25 × 18 + M × 8 × 8 40 × × 45 × 7 = 25 =0.178