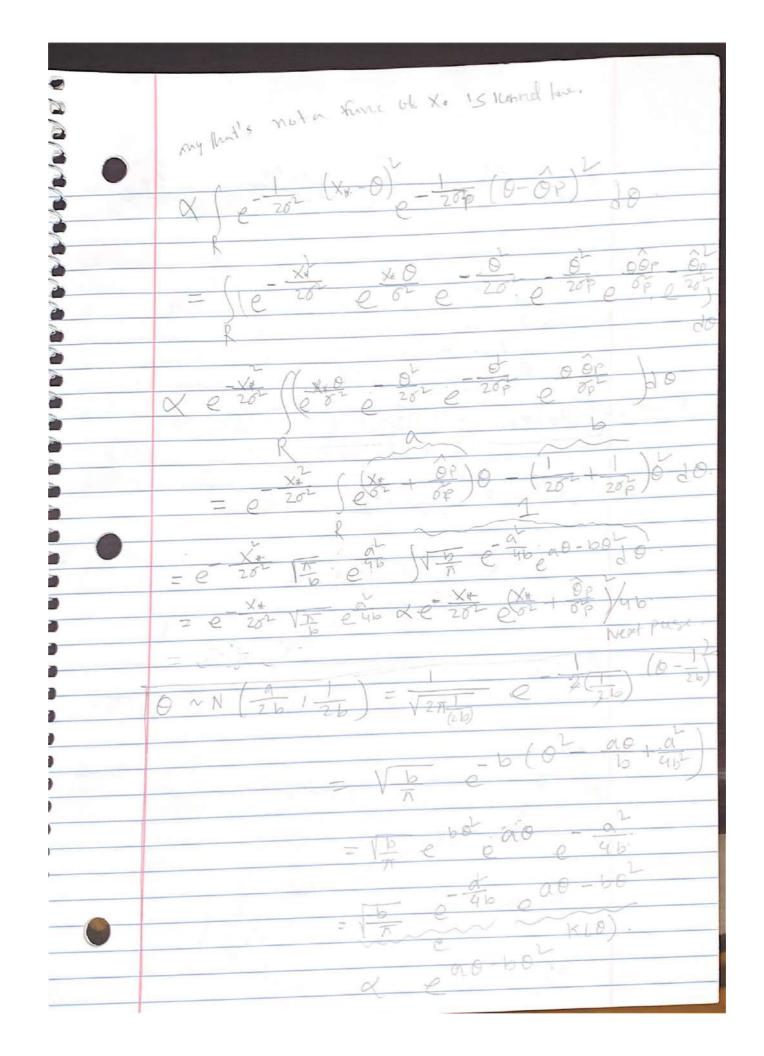
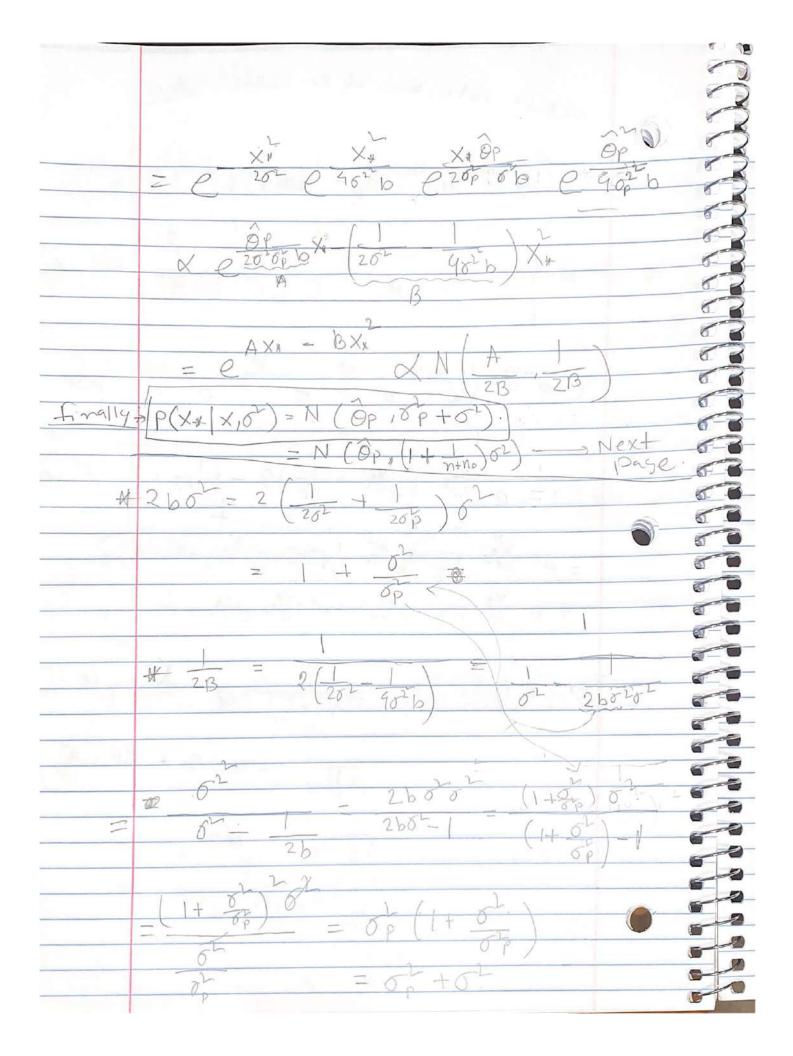
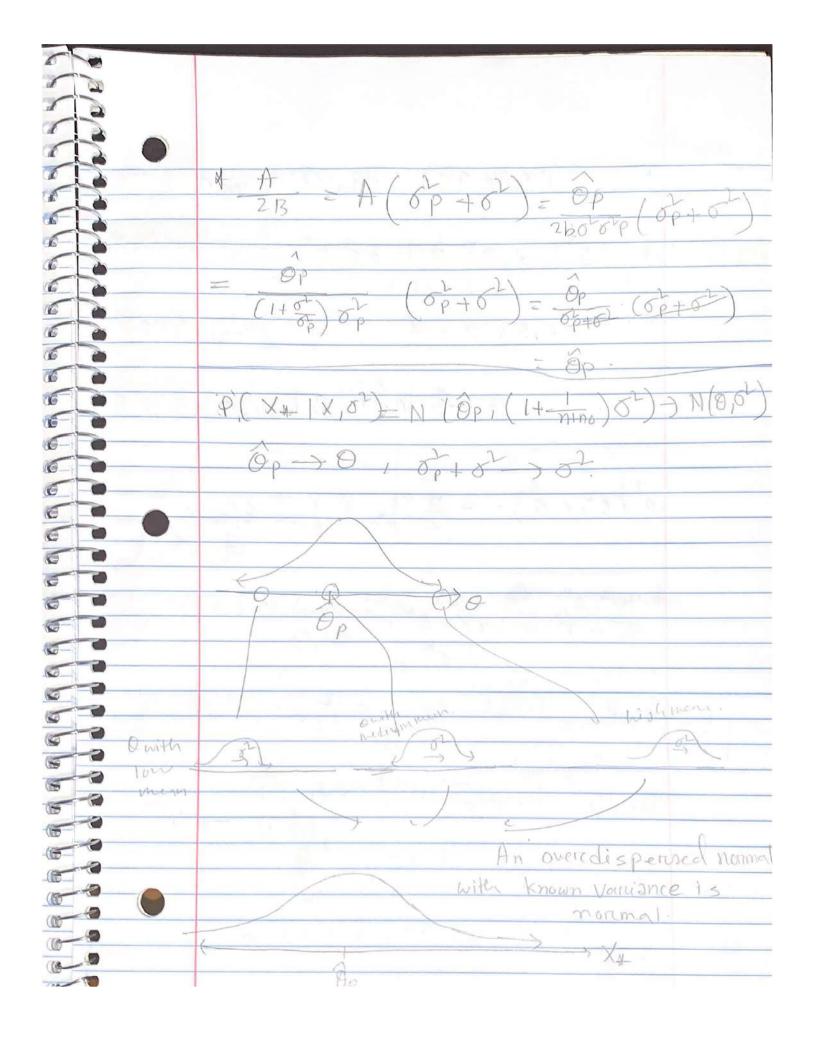
Lecture 151 Fi iid normal (0, 8t) with of known. = N (Mo, T) 2 N (Mo, To) Redation y, yno Lis N(Mo 10) YN N(Mo P) -magine 6 P(X+10,0) P(01X,0) 9

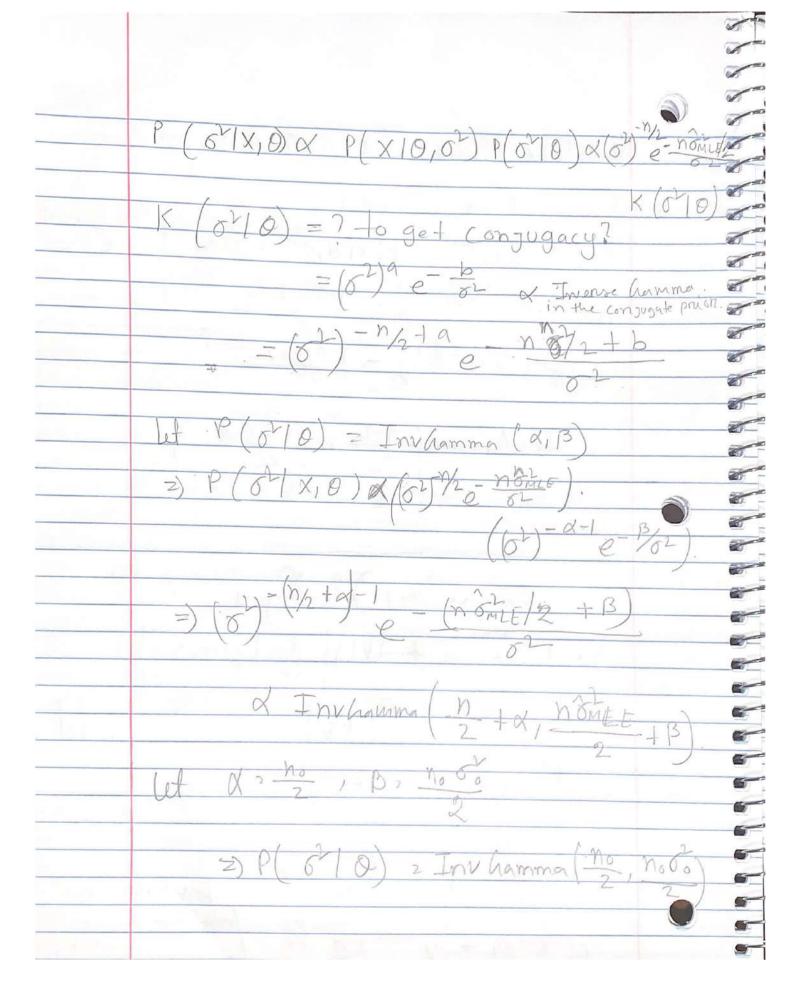






2 New Luis with O known = 2 10 Log lilalihad $=-\frac{n}{2}\ln(2\pi0^{2})-\frac{1}{20}E(X_{i}-0)$ n(27) - 1 n(0) - 1 2(xi-8) Mullfiply both sites Tsimilar to this Sample variance:

aplace Priori-) d 1, improper Since 00 nomie/2 n ômie (d)



2 In V Gamma > belief Pse udodatai =) no 6 2 5 (41-0 no Small means uninformative