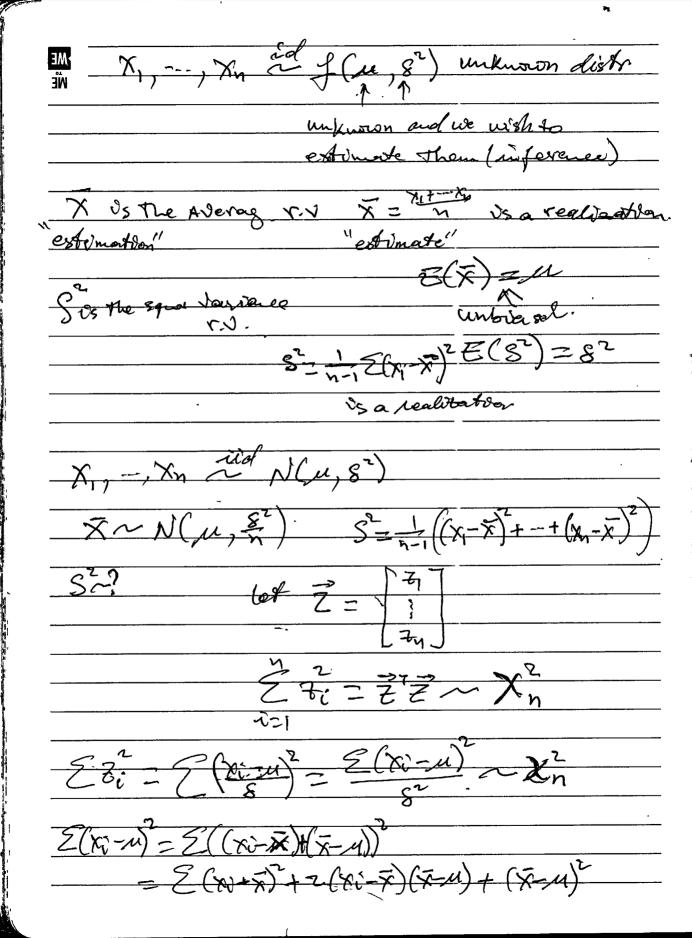
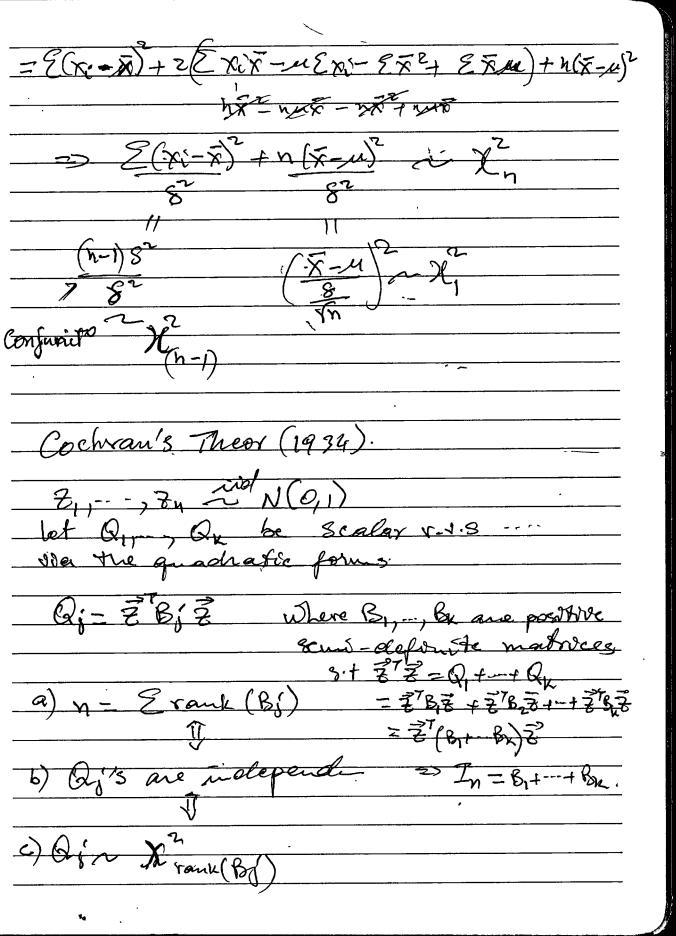
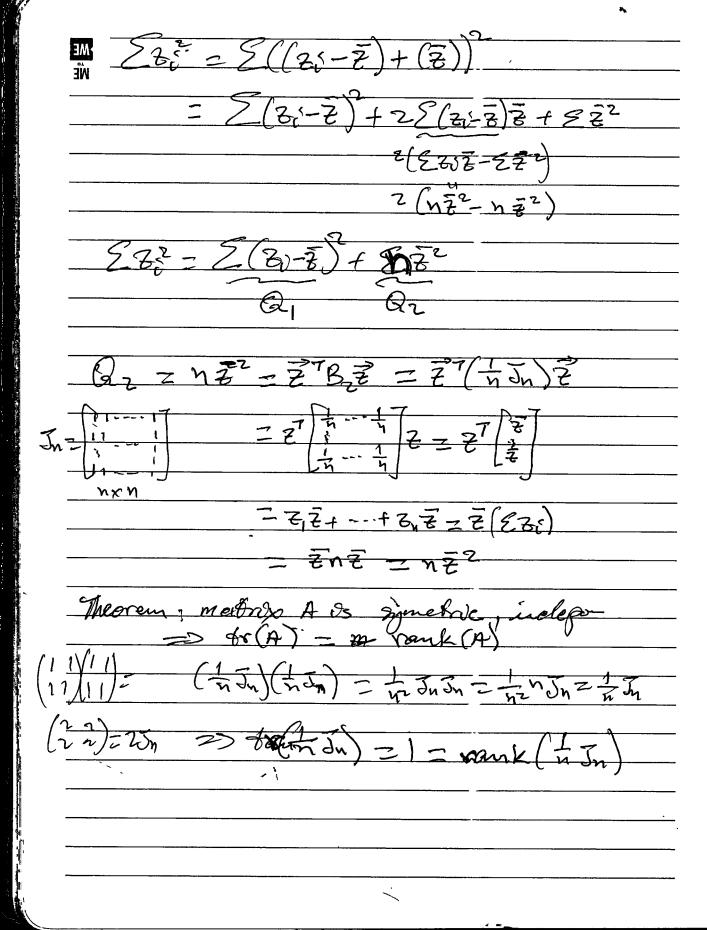
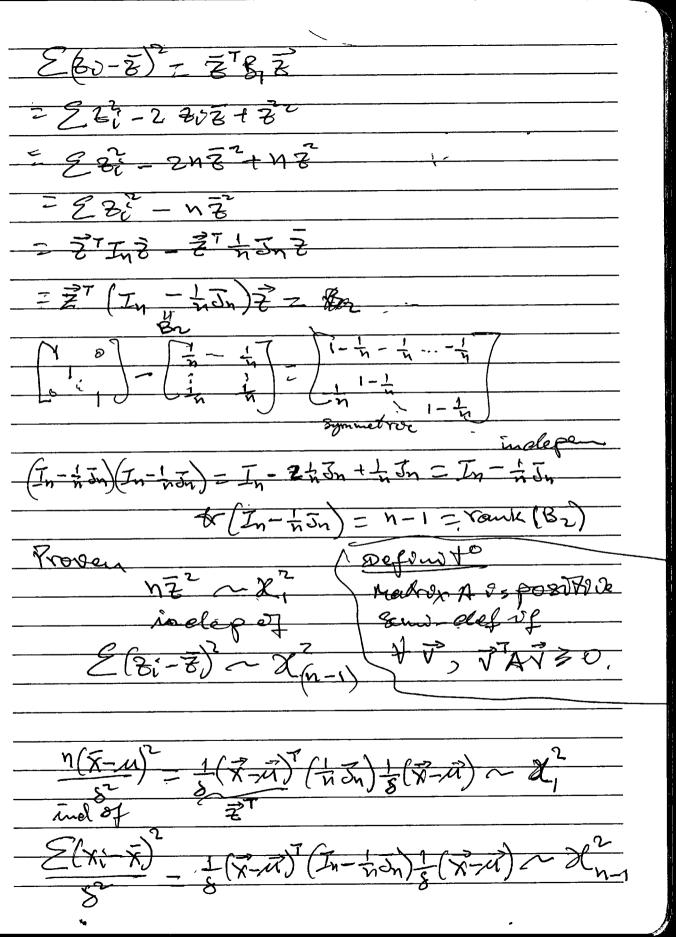
11/7/17 X ~ N(0,1) wal X2~N(0,1)
RZX - JIXI f(xx) f(x)dx
=
= 1   1 x   e = 2x (x 31) dx = -1 (Jcx) e = 1 x (x 31) x - 400 dx = -1 (Jcx) e = 1 x (x 31) x - 400 dx = -1 (x 4 x 6 x 6 x 6 x 6 x 6 x 6 x 6 x 6 x 6
= + x2(x2+1) = + xex - 1 du x(x2+1)
U=-{x(x2+1)} = [-84]  Oly =-x(x2+1)
do = - du = T(171) = Cauchy (0,1)
X=0=> U=0 midterny X=0=> U=-0









25 n (x-u) ind of (n-1) S?

82 mod of (n-1) S? ependant.  $\frac{1}{n-1}$   $\frac{S^2}{N-1}$   $\frac{S^2}{N-1}$   $\frac{S^2}{N-1}$   $\frac{N-1}{2S^2}$ 8 n-1 82 Gardent 1908 1