Short Jummany to Find UMVUE of 910)
Regularity Conditions
Throughout this course, (1) and (3) are
often assumed to be true, no we only
need to check (2)
{x=fxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
Yes 2 2 - 21 - 1
Yea: (2) is violated No: (2) is NOT violated
√ No
Check of
30 ln fx (x10) = A(0,n) [T(X) - 9(0)]
/ Yes
T(X) is
the UMVUE
See if the district of X kelongs
by thin I to an exponential family.
Yez No
IdNi) is CS Find a sufficient
Exterizetion The.
lackvization The.
Check if S is complete
1 / Yes
Find the UMVUE of 8(0) by
(E) Guessing
(Ti) Sulving for h(CS) in ECh(CS)) = g(0)
then evaluating F(T'100), and