the independent of Xbar and S^2.

 $\times \sim \text{(only (0,1)} = \frac{1}{\pi} \xrightarrow{\times_{+1}}$ 

 $E[X] = \int_{X} x \frac{1}{\pi} \frac{1}{x^{n+1}} dx = \infty$ 

 $M_{X}^{(t)} = \int e^{tx} \frac{1}{\pi} \frac{1}{1+x^{\tau}} dx = 0$  mgf doesn't exist

\$\(\frac{1}{4}\) = -\frac{1}{141} e^{-|4|}

ox'(o) due