INTERCENCIA COTATISTICA AULA 1 Pr(X>t) < Elm $E[X^n] = \int_{\infty}^{\infty} x^n f(x) dx$ $=\int_{0}^{\infty} x^{n} f(x) dx + \int_{0}^{\infty} x^{n} f(x) dx$ $E[X^n] \ge \int_{x_n}^{\infty} f(x) dx$ $t^n f(x) \in \mathbb{R}^n f(x)$ (c,∞)

EIX"] z (x" f (ns) dn $7t^n \int f(x) dx$ E[xm] > ther(x>t) E[Xn] = np(x)dn (Var(X)) + F/X27 - (F(X))

$$\frac{|Y-M|^2}{|Y-M|} = |Y-M|$$

$$\frac{|Y-M|^2}{|Y-M|^2} = t^2$$

$$Var(S_n) = \frac{\eta}{4}$$
 $z_i(\eta)^2$
 $Var(S_n)$