$$\int_{\alpha}^{(\alpha)} = \begin{cases} \frac{\alpha n^{\alpha}}{n^{\alpha+1}}, & \alpha = \alpha \\ 0, & \alpha < n_0 \end{cases}$$

$$E(X) = \frac{\alpha n_0}{\alpha - 1} \leq k$$

$$k = \frac{2n}{n}$$

$$\alpha_0 d = k\alpha - k$$

$$k\alpha - n_0 \alpha = k$$

$$\alpha - \frac{k}{n - n_0} = \begin{cases} \frac{\alpha n^{\alpha}}{n^{\alpha+1}}, & \frac{2n}{n - n_0} \\ \frac{2n}{n - n_0}, & \frac{2n}{n - n_0} \end{cases}$$

$$= \begin{cases} \frac{n}{n} \ln \alpha - \frac{2n}{n - n_0} \ln \alpha = \frac{n}{n - n_0} \end{cases}$$

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 $\left(\begin{array}{c} 2 \\ 0 \end{array} \right) \quad F(n) = \begin{cases} 1 - \left(\frac{n_0}{n} \right)^{\alpha}, & n \geq n_0 \\ 0, & n < n_0 \end{cases}$

L'= n #ln an - Elini] + n = 0

d = n
Elinani - hln no

Haina paara - naceum supobato
pyren juno pa lago nog otus (L).

ln sho I yan no I => nam nigureo
lyero maneum cono loguo suromi sho,

tr. no \le at \(\frac{1}{2} \) borgate, mos

bojome'n min (n:).