$$\int_{-\infty}^{\infty} \frac{1}{n!} dx = \int_{-\infty}^{\infty} \int_{-\infty}^{\infty} \frac{1}{n!} dx = \int_{-\infty}^{$$

$$= \int_{0}^{1} (n^{-1}) (n + 9) dn = \int_{0}^{1} n$$

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$$I_n = \frac{1}{n} - \frac{7}{2} I_{n-1}$$
 $I_n = \frac{1}{2} \frac{1}$

$$\frac{1}{9n} - \frac{I_n}{9} = I_{n-1} \qquad I_1 \approx I_q \qquad \qquad 1/3$$

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$$\frac{1}{4n} - \frac{I_n + \epsilon}{9} = I_{n-1}$$

$$\frac{1}{4n} - \frac{1}{9} \left(\frac{1}{4n} - \frac{1}{9} + \frac{\epsilon}{9} \right)$$

$$\frac{1}{4n} - \frac{1}{9} \left(\frac{1}{4n} - \frac{1}{9} + \frac{\epsilon}{9} \right)$$

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 $(\Lambda - \kappa)^{\frac{1}{r}} = f(\kappa) \qquad f(1) = f(.) + 1 + f(.) + 1$

 $Ce(n,y) \rightarrow gil$ (n(y)) $Sin n - Sin y = (n-y) Ces C \rightarrow \frac{|Sin n - Sin y|}{|x-y|} = |Ciscl S|$

-> 1 Sinx-Siny 1 < In-y 1 | Sinx | < In | J= . W.

ff.) + n ff.

سازای دیر زطر صورت امر دوبارد به ور ی سور اما نیج کار براعدادی بزار تعسیم

ي سود. بس دير زولد در سه Sin الله عنها افاد (الم الله وسو) وو بولد ويود عادى

(F) - (F) + ... (F) = NO : 1. V9V m distably - 100) In Y = [(-1)] 0 lun 1 = · Jun a: z., 1) 1 -> a: &ai $\ln Y - \sum_{i=1}^{N} (-1)^{i+1} \leq \frac{1}{N+1}$ 1-2/ 1999 mer édit ! 1 X OI - 8 page 6 6 -> -e = luc -> e luc = -1 Sahand

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$$\left|\frac{x-x^*}{x}\right| = \frac{1}{2} \frac{1}{2} \frac{1}{2} = \frac{1}{2} \frac{1}{2} = \frac{1}{2}$$

DATE / / I feargens feagens - flaggens . soit In | n e n - | dn = n e n - | | - | dn e n - | dn $= |-n \int_{-\infty}^{\infty} x^{n-1} e^{n-1} dx = |-n \int_{-n-1}^{\infty}$ I,=1-(1,+e) I,=1-1(1-1,+e)=-1+1.+1e I = 1- T(-1+ I + YE) = K- FI - 7E رجي الدي بعد وفي ٢٤٤ وبعدل الله ١٢٠٠ وفي والمراس 0 my sed pur che allal lum