

N=0 K! Don-80: Trovor nougant, 200 pag CX., purieu cymus paga = f(x), nouveren, eño octator paga - 70  $V_{n}(x) = \frac{1(n+1)}{(n+1)!} (x-x_{0})^{n+1} \cdot \xi \in (x, x_{0})$  $\forall x \in \mathcal{U}_{\mathcal{S}}(x_{o}) \rightarrow |r_{n}(x)| \leq \frac{M}{(n+1)!} \delta^{n+1} \rightarrow 0,$ T.4. lim an =0 400 450 Muner repensagration que :  $f(x) = \begin{cases} e^{-\frac{1}{x^2}}, & x \neq 0 \\ 0, & x = 0 \end{cases}$  $\begin{cases} \frac{1}{4}(x) = \frac{2}{x^3} e^{-\frac{1}{x^2}}, & x \neq 0 \end{cases}$ 

 $\frac{1}{\sqrt{x}} \left( \frac{4}{\sqrt{x}} - \frac{6}{\sqrt{x}} \right) = \frac{2}{\sqrt{x}} \times \neq 0$  $f'(x) = \int_{3n}^{n} \left(\frac{1}{x}\right) e^{-\frac{1}{x^2}}, x \neq 0$  -unvolved cierenu  $\frac{1}{x}$  0, x = 0f(0)=0 Hne(N => => ee pag Terrapa  $\equiv 0 \rightarrow \frac{\sum_{n=1}^{f(n)}(x-x_0)^n}{n!}$ f(x)=0 rousers yu x=0, more f=0 a ring = 0 b irosoir our -in - the regesorbine b our -in bring