NPOGONZURUW ->

3A 4EM???

Ham one to Korenca Before 470 $\int \frac{Sito(Thirth)x}{2 \cdot \frac{X}{2}} = \frac{II}{2} (1)$ Moreony? $T_{,K}$ $\int \frac{\sin(n+\frac{1}{2})x}{2 \cdot x} = \begin{cases} 3amenex \\ y=(n+\frac{1}{2})x \end{cases} = \begin{cases} \frac{(n+\frac{1}{2})\pi}{3} \\ 0 \end{cases}$ $= \begin{cases} \frac{1}{N} - \cos N \times \\ \frac{1}{N$ ppa y cholau xoponent f(x): f(x) & C*[0,Ti] Cyrep - værnogenie. Torger, upobepum (1). $\int \frac{\sin(h+2)x}{2\sin^{\frac{x}{2}}} = \int \frac{\sin(n+2)x}{2\sin^{\frac{x}{2}}} = \frac{\sin(n+2)x}{2\sin^{\frac{x}{2}}} = 0$ no radrugenio $\int \sin(n+\frac{1}{2}) \left(\frac{1}{2\sin^{\frac{1}{2}}} - \frac{\sin n}{2x} \right)$ Mpohepan, uto f (x) - repocuesa sin Nx fcxs 1) Henpapalbaoco [?] $\frac{1}{2\sin^{\frac{1}{2}}} = \frac{1}{2^{\frac{1}{2}}} = \frac{1}{2\sin^{\frac{1}{2}} \cdot x \cdot x} = \frac{\sin^{\frac{1}{2}} - \frac{x}{2}}{2 \cdot \sin^{\frac{1}{2}} \cdot x} = \frac{\sin^{\frac{1}{2}} - \frac{x}{2}}{2 \cdot \sin^{\frac{1}{2}} \cdot x} = \frac{1}{2 \cdot$ 2) Дидререкцаруанать: ищет пр непр подствие теор Лагракто $\lim_{x\to 0} f(x) = \lim_{x\to 0} \frac{-\frac{1}{2}\cos^2 x}{2\sin^2 x} + \frac{1}{x^2} = \lim_{x\to 0} \frac{\frac{1}{x^2} - \frac{1}{4} \frac{\cos^2 x}{\sin^2 x}}{\sin^2 x} = \lim_{x\to 0} \frac{1}{x^2 \sin^2 x} + \frac{1}{x^2} = \lim_{x\to 0} \frac{1}{x^2 \sin^2 x} + \frac{1}{x^2 \sin^2 x} = \lim_{$ Nlim CX" = C (Mam Mogousy, acakas unluso Noncreury, yaluoe - uroqua ecro!) Torga f(x) - xspoura, nathrogenne parotaet, béé counce! 4.t.g.