N 8 3016 мие 4.2 Кирилло Д. Е. четверг, 28 апремя 2022 г. 16:05 (4 > 0, nou 20 > + 00 Kpubegen zorgorry k 2 pbub. popule Sez uchons zobahens δ - g-yan. Rponte verpupyen yport-e (\star) real or perke Γ $\chi_0 - \frac{\varepsilon}{2}$; $\chi_0 + \frac{\varepsilon}{2}$ J. Romroner $\mathcal{D} \int_{x_0 - \frac{\pi}{2}}^{\infty} \frac{d^2 \varphi}{dx^2} dx - \int_{x_0 - \frac{\pi}{2}}^{x_0 + \frac{\pi}{2}} \frac{d\varphi}{dx} dx = \int_{x_0 - \frac{\pi}{2}}^{x_0 + \frac{\pi}{2}} \frac{d^2 \varphi}{dx} dx - \int_{x_0 - \frac{\pi}{2}}^{x_0 + \frac{\pi}{2}} \frac{d\varphi}{dx} dx = \int_{x_0 - \frac{\pi}{2}}^{x_0 + \frac{\pi}{2}}$ =-Q \(\lambda \) \(\lambda \ $\mathcal{D} \frac{d\varphi}{dx} \Big|_{X_{o} - \frac{\varepsilon}{2}} - \mathcal{D} \varphi dx + \mathcal{U} \varphi \Big|_{X_{o} - \frac{\varepsilon}{2}} = -\mathcal{Q}$ Reperogn k medern non 6-70, uneen $\mathcal{D} \frac{d\varphi}{dx} \bigg|_{x_0 + 0} - \mathcal{D} \frac{d\varphi}{dx} \bigg|_{x_0 = 0} = -\mathcal{Q}$ Poucerio pur obroieto (-00, %) in constantino peurellue b 2505 obr. repez 4 u con con. (xo, +00) c peurelluem b 2505 obr. repez q. Torga nun. Mogue unes bag: $\rho \mathcal{D} \frac{d^2 \rho}{dx^2} - \delta \rho + u \frac{d\rho}{dx} = 0$ $\mathcal{Z} \in [-\infty, \infty)$ € 30 mg x 3-∞ $\mathcal{D} \frac{d^{\prime} p_{+}}{dx^{2}} - \mathcal{D} p_{+} + \mathcal{U} \frac{d p_{+}}{dx} = 0$ $\mathcal{X} \in (\mathcal{X}_{o}, +\infty)$ 9+ >0 MPU K >>+00 $\mathcal{D} \frac{d^2 \psi_+}{dv^2} - \mathcal{D} \frac{d^2 \psi_-}{dv^2} = -\mathcal{Q}$ P+ = P-Henpeporb-74 pemerus Coesabarien Kappikseguerur. ypab-e: D/2+4/-5=0 $\int_{1/2} = \frac{-4 + \sqrt{42}}{22} = 0$ $\Rightarrow \varphi(x) = C_1 \exp\left(\frac{-4 - \sqrt{4^2 + 4D5}}{2D} \times\right) +$ + Gerp (-4+ Ju2+425 x) V-R-lim (=0,70 C,=0) $\Rightarrow \psi_{-}(x) = \operatorname{Gexp}\left(\frac{-u + \sqrt{u^2 + 4D5}}{2D}\left(x - x_0\right)\right)$ V.K. Cim (1=0, FO C2=0 =) $=) (+ (x) - (+ (x - x_0)) - (+ (x - x_0))$ Uz yerobeer ppy X=Xo UMERY, 7280 $\mathcal{D}\left(\mathcal{C}_{1} \frac{4+\sqrt{4^{2}+4\mathcal{D}}}{2\mathcal{D}}\right) -\mathcal{D}\left(2\frac{4-\sqrt{4^2+425}}{22}\right)=-2$ $\Rightarrow C_1 = C_2 = \frac{G}{\sqrt{G^2 + 495}}$ Vorofos Oskansturelkoe pemerme lpeg(x) Aboveren b beige: $\frac{Q}{\sqrt{u^2+495}} exp\left(\frac{-u+\sqrt{u^2+495}}{29}(x-x_0)\right), pu \times \leq x_0$ l(x)=1 $\frac{Q}{\sqrt{u^2+495}} \exp\left(\frac{-u-\sqrt{u^2+495}}{29}(x-x_0)\right), \text{ My } x_7 x_0$