(200) = in unids of kt. Uz(c) PUz(c) assum & is a constact! $u_{1}(x) = \frac{1}{2}k(x-x_{1})^{2}$ $u_{2}(x) = \frac{1}{2}k(x-x_{2})^{2}$ $\Delta u = u_2 - u_1(x) = \frac{k}{2} \left[x^2 - 2x + \frac{2}{2} + x_2^2 - x^2 + 2x + \frac{2}{2} - x^2 + 2x + \frac{2}{2} \right]$ $\Delta U = \frac{k}{2} \left(-2 \times (x_2 - x_1) + x_2^2 - x_1^2 \right)$ So P(x) P(x)

$$\frac{dx}{dx} = -\frac{1}{2}x$$

$$\frac{dy}{dbu} = -\frac{1}{kbx}$$

$$= -\frac{k^{2}}{2} \left(\frac{ku}{k} + \frac{x_{2}^{2} + x_{3}^{2}}{2} \right) \frac{1}{bx^{2}} + 2x_{3} \left(\frac{by}{k} + \frac{x_{2}^{2} - y_{3}^{2}}{2} \right) \frac{1}{bx} + \frac{x_{3}^{2} - y_{3}^{2}}{bx^{2}} + \frac{1}{2} \frac{1}{bx} + \frac{$$

$$f^{1/2} = \left\{ -\frac{1}{2} \left\{ \frac{M^2}{R^2 \Delta x^2} + \frac{2(x_2^2 - x_1^2)}{R} \frac{M}{R \Delta x^2} + \frac{(x_2^2 - x_1^2)^2 L}{R \Delta x^2} + \frac{M}{R^{1/2}} \frac{2}{2} \right\} \frac{1}{\Delta x} + \frac{1}{2} \left\{ \frac{1}{R^2 \Delta x^2} + \frac{1}{2} \frac{1}$$

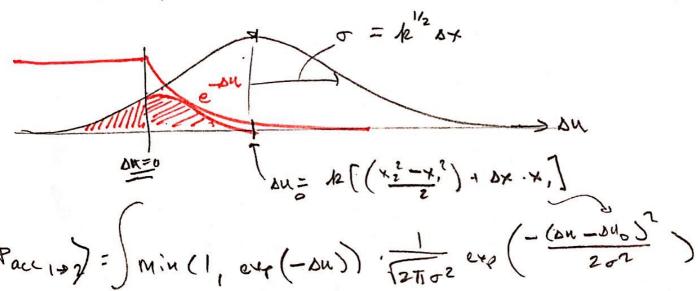
complete
$$+\left[\left(\frac{x^2-x^2}{2}\right)^{\frac{1}{2}}+x_1\right]^2-\left[\left(\frac{x^2-x^2}{2}\right)^{\frac{1}{2}}+x_1\right]^2$$

$$+\left(\frac{x_{3}^{2}-x_{1}^{2}}{2}\right)^{2}\frac{1}{6x^{2}} + 2x_{1}\left(\frac{x_{2}^{2}-x_{2}^{2}}{2}\right)\frac{1}{6x} + x_{1}^{2}$$

$$= \int_{e}^{-\frac{1}{2} \int_{e}^{e} \frac{1}{(x_{0}x^{2})^{2}} \left(\frac{1}{(x_{0}x^{2})^{2}}\right) e^{-\frac{1}{2} \left(\frac{1}{(x_{0}x^{2})^{2}}\right) - \left(\frac{1}{(x_{0}x^{2})^{2}}\right) - \left(\frac{1}{(x_{0}x^{2})^{2}}\right) e^{-\frac{1}{2} \left(\frac{1}{(x_{0}x^{2})^{2}}\right) - \left(\frac{1}{(x_{0}x^{2})^{2}}\right) e^{-\frac{1}{2} \left(\frac{1}{(x_{0}x^{2})^{2}}\right) - \left(\frac{1}{(x_{0}x^{2})^{2}}\right) e^{-\frac{1}{2} \left(\frac{1}{(x_{0}x^{2})^{2}}\right) - \left(\frac{1}{(x_{0}x^{2})^{2}}\right) e^{-\frac{1}{2} \left(\frac{1}{(x_{0}x^{2})^{2}}\right) e^{-\frac{1}{2} \left(\frac{1}{(x_{0}x^{2})^{2}}\right) - \left(\frac{1}{(x_{0}x^{2})^{2}}\right) e^{-\frac{1}{2} \left(\frac{1}{(x_{0}x^{2})^{2}}\right)$$

$$= \frac{1}{1} \left(\frac{1}{k^2 \Delta x^2} \right) \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} \left(\frac{1}{k^2 \Delta x^2} \right) \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} \Delta x - \frac{\pi}{2} \Delta x \left[\frac{1}{1 + \frac{\pi}{2}} \right]^2$$

3 4/22/2021



~ something intrluing ext 1.) ...

 $\frac{\partial \Delta x}{\partial \lambda} = \frac{1}{2} \frac{1}$

+ (42-4,) 1 DX = (x,+(x,+0x) Dx (0x + 2x, + x,) Δ<u>×</u>2