Adwart Narmen 19NS151 pn-1 C-T-3 Rowy h

$$\frac{\partial h}{\partial x} = \frac{f \times 2}{2m} + \frac{f \cdot 2}{2m} + \frac{m \cdot \omega^2(\times^2 + y^2)}{2}$$

$$\frac{\partial h}{\partial p \times} = \frac{f \times}{m}, \quad \frac{\partial h}{\partial f \cdot r} = \frac{f \cdot y}{m}$$

$$\frac{\partial h}{\partial x} = m \omega^2 \times , \quad \frac{\partial h}{\partial y} = m \omega^2 y.$$

$$\frac{\partial h}{\partial x} = \frac{1}{2m \omega}, \quad (f \times^2 - f \cdot y^2 + m^2 \omega^2 (y^2 - x^2))$$

$$\frac{\partial h}{\partial x} = \frac{f \times x}{2m \omega}, \quad \frac{\partial h}{\partial y} = -\frac{f \cdot y}{2m \omega}$$

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 $\frac{1}{2} \int_{-\infty}^{\infty} \frac{1}{1} \int_{$ Du = +1 x /x /3/2 , 24 . (x2+42)3/2 , 24 . (x2+42)3/2 $\frac{\partial u}{\partial p_X}$, $\frac{\partial u}{\partial p_Y}$, $\frac{\partial u}{\partial p_Y}$, $\frac{\partial u}{\partial p_Y}$ $\frac{\partial A}{\partial x}$, $\frac{\beta}{\sqrt{x^2+y^2}}$ - $\frac{\beta}{\sqrt{x^2+y^$ $\frac{\partial A}{\partial y} = -\frac{\beta \times y}{\sqrt{x^2 + y^2}} 3/2, \frac{\partial A}{\partial p_X} = 0, \frac{\partial A}{\partial p_Y} = 1$ 20, H3 = 24 2H + 2H 2H - 2PX 2X - 2PY 2Y 2 X2+Y2 X2+Y2 $\frac{1}{(\pi^{2}+y^{2})^{3/2}} \cdot \frac{p_{x}}{m} = -\frac{p_{xy}}{(\pi^{2}+y^{2})^{3/2}} \cdot \frac{p_{y}}{m} - \frac{Q}{(\pi^{2}+y^{2})^{3/2}} \cdot \frac{Q}{(\pi^{2}+y^{2})^{3/2}}$ $\frac{\beta y}{(x^{2}+y^{2})^{3/2}} \left(y \frac{\beta x}{m} - \frac{x \beta y}{(x^{2}+y^{2})^{3/2}} - \frac{\lambda y}{(x^{2}+y^{2})^{3/2}}\right) = 0$ $\beta \neq (ypx - xpy) = m \alpha y$ $\beta = \frac{m \alpha}{ypx - xpy}$

Scanned with CamScanner

-1/212 2 cott one some gen fun, 3 (-1/219). 1 = -1/21 & 3 (1/219) = P= 1/21 cot Q is only gon. x = ln V = 29 $\sqrt{exp(x)}$ 7 g= v(ln v - 1)