Lists Part 2 teorems on green

J)
$$F: \left(\frac{-y}{+^2 \cdot y^2}, \frac{x}{+^2 \cdot y^2}, \frac{x}{+^2 \cdot y^2}\right) = \frac{\pi}{4^2 \cdot y^2}$$

A) C $\frac{\cos z}{+^2 \cdot y^2} = \frac{\pi}{4^2 \cdot y^2}$

Note: $\frac{\partial Q}{\partial x} = \frac{\partial Q}{\partial y} = \frac{(\frac{2}{2} \cdot y^2) \cdot (\frac{2}{2} \cdot x^2)}{(\frac{2}{2} \cdot y^2)^2} + 3 = \frac{(-1)(\frac{2}{2} \cdot y^2) \cdot (-1)(\frac{2}{2} \cdot y^2)}{(\frac{2}{2} \cdot y^2)^2}$

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$$\begin{cases} F = \int d\theta + \int 3x dy = 0 \end{cases} \begin{cases} 5 \text{ apar and } 0 \text{ cm} \\ 2 \text{ camp } 0.5 \end{cases}$$

$$4 \int_{0}^{2\pi} 3 \cos t \cos t = 4 \frac{3}{2} \left(t + 5 \cot \cos t \right) = 6 \left(2\pi \right) = 12\pi$$

$$C^{2}(2 + 605t + 2500t)$$

$$C^{2}(-2500t + 2600t)$$

$$C^{2}(-2500t + 2600t)$$

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$$C^{2}(-2500t + 2600t)$$

$$\int_{\Gamma} \int_{\Omega} d\theta + \int_{\Omega} 3 \times dy$$

$$23\pi \left(3+3\right) = 6\pi \cdot 6 = 36\pi$$

$$\frac{3}{3}$$

$$-84 = (-\pi, \pm).3(\pm 3)$$

 $82 = (\pi/\pm).3(\pm 3)$

$$\left(-\frac{3}{2}\right)$$

$$\int_{\mathcal{F}_{1}} f_{1} + \int_{\mathcal{F}_{2}} f_{2} = \int_{\mathcal{F}_{1}} f_{2} = \int_{\mathcal{F}_{1}} f_{2} = \int_{\mathcal{F}_{2}} f_{2} = \int_{\mathcal{F}_{3}} f_{2} = \int_{\mathcal{F}$$

$$Van + n \quad quu \quad dan \quad arc + au \left(\frac{1}{2}\right) = ar - 2u + \left(\frac{1}{2}\right) = ar - 2u$$

Regiondo as contro

$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{$$

$$\int_{0}^{\infty} F = \int_{0}^{2} \frac{-y}{x^{2}+y^{2}} dy \Rightarrow$$

$$\Rightarrow \int_{0}^{2} \frac{1}{Lt^{2}} dy^{2} dt \Rightarrow \int_{0}^{2} \frac{1}{1+L^{2}} dt = \operatorname{arctom}(2)$$

 $\int \left[x \ln \left(x^{2} + l\right) + \left(x^{2} + l\right)y\right] dx + x\left[\frac{x^{3}}{3} + x + \sin y\right] dy$ $a) \quad C + e \times \text{ quo que sign mainte do communho}$ $not \quad F = \frac{\partial Q}{\partial x} - \frac{\partial P}{\partial y} = 2 \times x^{2} + x - \left(x^{2} + l\right) = x^{2}(x - l) + (x - l)$ $pand \quad not \quad F = 0 \quad \text{ended} \quad x = 1/h$ $y = \left[t, t\right]$

