Duppepenguara Louinx ropograti

$$J^{2} + (x,y) = \frac{J^{2} + J^{2} + J^$$

Dome:

$$f(x,y) = x^2y^2$$

traint d^2t

$$\alpha'_{\lambda} = 2 \times y^2$$

$$u'_{y} = 2y x^{2}$$

$$u_{xx} = 2y^2$$

$$u''_{xy} = 2y 2x u''_{yx} = 2x2y$$

dit=2y2d 2+ uxxyalxdy + 2xtdy2

$$y' = -\frac{F'_{x}}{F'_{y}}$$

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2)
$$F(x,y,t) = 0$$
 8 $F(x,y)$
 $f(x,y) = 0$ $f(x,y)$

Comme oppningen

$$\frac{d^2}{dx} = \frac{\partial x}{\partial x}, \frac{dx}{dx} + \frac{dy}{dx}, \frac{dy}{dx}$$

6) Pour
$$2 = f(x,y) = x^2 + 10x + y^3 \times \sqrt{1 - y^2 - x^3}$$

$$\frac{dt}{dx} = 2 \times + 10 + 4^3 \cdot \left(\sqrt{1 - 4^2 - 2^2} + \times \frac{1}{2} - \frac{1}{\sqrt{1 - 4^2 - 2^2}} - \left(-4 \times 2 \right) \right)$$

$$\frac{1}{1+2} = \frac{1}{2\sqrt{1-y^2-x^3}} = \frac{1}{2\sqrt{$$

$$\frac{d}{dt} = \frac{dx}{dx} + \frac{dy}{dy}, \frac{dy}{dt}$$

$$\frac{\partial x}{\partial x} = \frac{\partial z}{\partial x}, \frac{\partial x}{\partial x} + \frac{\partial z}{\partial x}. \frac{\partial x}{\partial x}$$

$$\frac{dx}{dy} = \frac{dx}{dy} + \frac{dx}{dy} + \frac{dx}{dy}$$

$$u = x^2 - y^2$$

$$\frac{dl}{du} = \frac{1}{2} \left(\frac{1}{2}$$