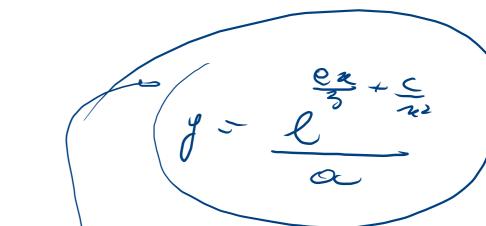
Soluços do trobello 3 de Calcalo III a) ny + 2 g ln (2 g) = 2 ny re-lu (eg) $\mu' = \frac{1}{2} \delta \delta$ n(u'g) + 2 gu = ong $\frac{1}{n} + \frac{2u}{n} = 0$

ll, + 2m, = 0 $\frac{du_1}{u_1} = \frac{12}{\pi} du$

$$\mu = \frac{v}{u^2} - 2\frac{v}{u^3}$$

$$\frac{\sqrt{2}}{n^2} - 2\sqrt{2} + \frac{2\sqrt{2}}{n^3} = 0$$

$$v = \frac{2}{3}x^3 + C = x^2u = n^2 \ln(eg)$$



b) Very 600

$$y = \frac{ex}{2} + c$$
 $y = \frac{ex}{3} + c$
 $y = \frac{ex}{3} + \frac{c}{n^2}$
 $y = \frac{ex}{3} + \frac{c}{n^2}$
 $y = \frac{ex}{3} + \frac{c}{n^2}$

$$ne$$
 800 .

 ne $(e^3 - 2c)$ 0

$$+\frac{2}{e}\left(\frac{ex}{e^3}+\frac{c}{r^2}\right)\left(\frac{ex}{3}+\frac{c}{r^2}\right)=exg$$

$$\frac{n}{3} - 2c + \frac{2n}{3} + \frac{2n}{3} + \frac{2n}{n} = ony$$

$$\frac{8n}{3} \cdot \frac{c}{n^2} = eny$$

$$c) \int (n_0) = f \quad \text{foo } m = 1 \quad \text{fool } 0 = 1$$

 $\int = 0$ - > C = -1/3



