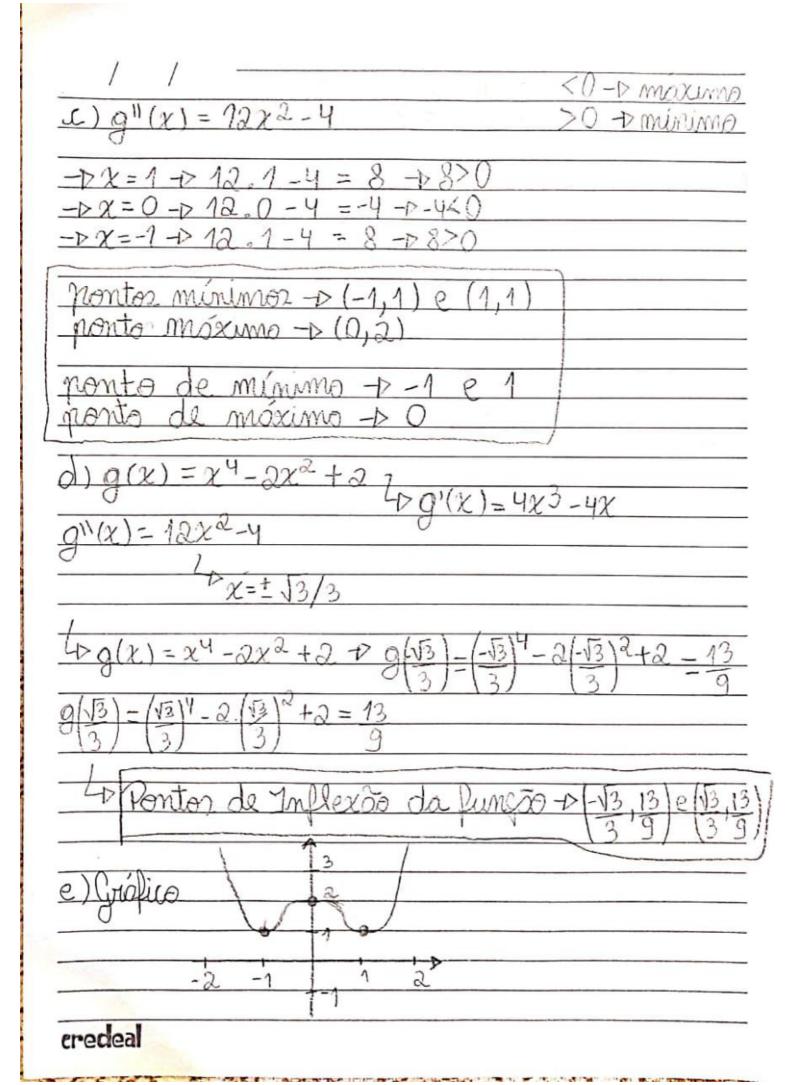
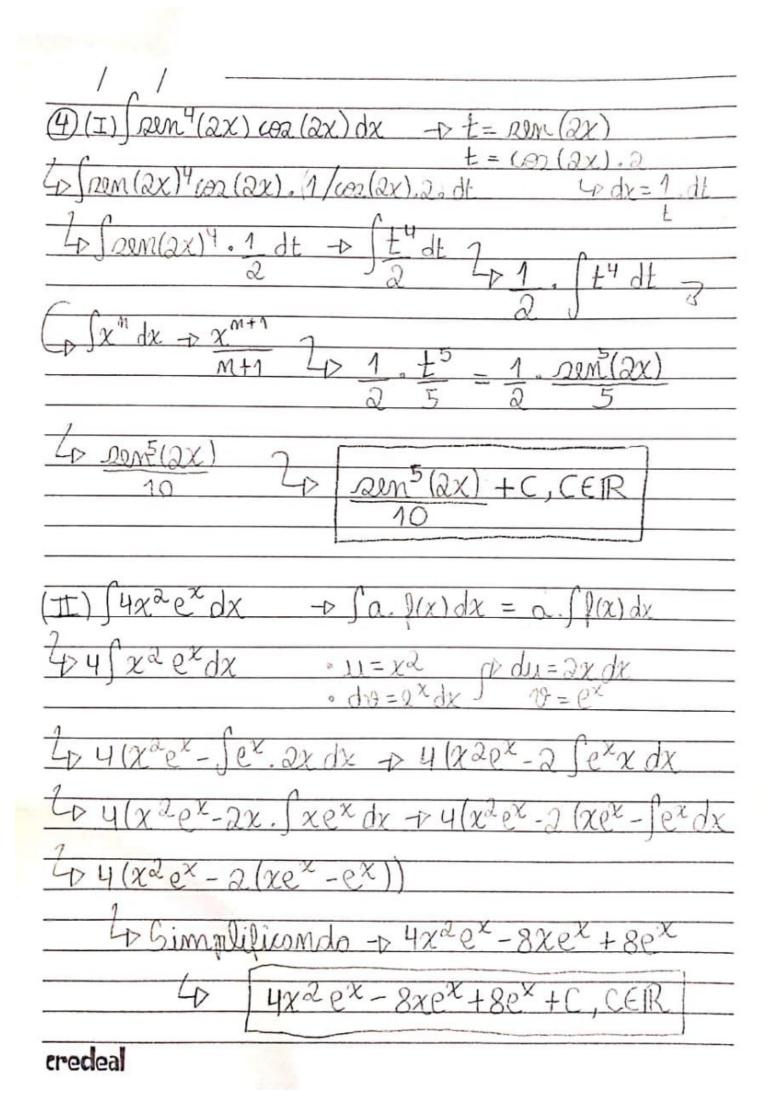
Remon Carlos Doenelnatein xenon loue@hotmoil.com
(1) $g(x) = x^4 - 2x^2 + 2$ 40 derivodo - $g'(x) = 4x^3 - 4x$
$429-4x=0$ $-24x(x^2-1)=0$ $-24x(x^2-1)=0$
2 Ponton crúticos $y = 1$
$\int x = -1, x = 0 = 0$ $\int x = -1, x = 0$ $\int x = -1$
40 Crencente -> 4x3-4x>0 -> x>1 -> (1,+00)
Lp docreprente - 04x3 - 4x40 Lp x4-1 - 0(-00,-1) Lp 04x4-p(0,1)
¿ crescente para o internolo (-1,0)U(1,+00)
E decrescente para o intervido (-00,-1)U(0,1)
credeal
creaed



2 375 cm² de motoria impurona 4 Morgam aupuire = 3,5 cm 4 inferior = 2 cm 4 Area impronoa + 1. h = 375 + Area total = (1+4,5)(h +5,5) 4 Atotal = (1+4,5). $(375+5,5)$ - Atotal = $55\sqrt{2} + 399,75$ $1 + 1687,5$ 1 4 Atotal = $(1+4,5)$. $(375+5,5)$ - Atotal = $55\sqrt{2} + 399,75$ $1 + 1687,5$ 1 4 Atotal = $(1+4,5)$. $(375+5,5)$ - Atotal = $55\sqrt{2} + 399,75$ $1 + 1687,5$ 1 4 Atotal = $(1+4,5)$. $(375+5,5)$ - Atotal = $55\sqrt{2} + 399,75$ $1 + 1687,5$ 1 4 Atotal = $(1+4,5)$. $(375+5,5)$ - Atotal = $55\sqrt{2} + 399,75$ $1 + 1687,5$ 1 4 Atotal = $(1+4,5)$ - (375) -
The Morgan applies = 3,5 cm Lp inferior = 2 cm Lp direita. = 2 cm Lp esquerda = 2,5 cm Area impressa -> l. h=375, -> Area total= (1+4,5)(h+5,5) 4p h=375/l LD ATOTAL= (1+4,5). $(375+5,5)$ -p ATOTAL= 5.5 $(1+4,5)$ $(1+4$
Lp direct = 2cm Lp direct = 2cm Lp exquerda = 2,5cm 4 Area improsoa $\rightarrow l \cdot h = 375 / l$ LD Atotal = $(l + 4,5) \cdot (375 + 5,5) + \rho$ Arotal = $\frac{5}{5}l^2 + 399,75l + 1687$: LD derivada $\rightarrow A'(l) = \left[\frac{5}{5},5l^2 + 399,75l + 1687,5\right]'$ LD (11) + 399,75) $l - (5,5l^2 + 399,75l + 1687,5)'$ LD (11) + 399,75) $l - (5,5l^2 + 399,75l + 1687,5)'$ LD (11) = $0 \rightarrow 110^2 - 5,5l^2 + 399,75l - 399,75l - 1687,5 = 0$ LD 5,5 $l^2 = 1687,5$ $\rightarrow l^2 = 1687,5/5,5 = 306,818 \rightarrow l = 17,51$ LD (13) = $0 \rightarrow 375/17,51 = 21,41$
Lp direita = 2 cm Lp exquerda = $2,5 \text{ cm}$ $+ \text{Area impropose} \rightarrow 1 \cdot \text{h} = 375 / \text{l}$ Lp $\text{h} = 375 / \text{l}$ Lp $\text{h} = 375 / \text{l}$ Lp $\text{Arotal} = (1 + 4,5) \cdot (375 + 5,5) + \text{p} \text{Arotal} = 5,5 \cdot \text{l}^2 + 399,75 \cdot \text{l} + 1687 \cdot \text{s}$ LD derivada $\rightarrow \text{A'(l)} = \left[5,5 \cdot \text{l}^2 + 399,75 \cdot \text{l} + 1687,5\right]^{\frac{1}{2}}$ LD $(111 + 399,75) \cdot \text{l} - (5,5 \cdot \text{l}^2 + 399,75 \cdot \text{l} + 1687,5)$ Q2 LD $\text{A'(l)} = 0 \rightarrow 11 \cdot \text{l}^2 - 5,5 \cdot \text{l}^2 + 399,75 \cdot \text{l} - 399,75 $
$ \begin{array}{l} \text{Lp esquerda} = 2,5 \text{ cm} \\ \text{Area impropos} \rightarrow \text{l.h.} = 375 \rightarrow \text{Area table} = (1+4,5)(1+5,5) \\ \text{Lp h} = 375/1 \\ \text{Lp Atotal} = (1+4,5) \cdot (375+5,5) \rightarrow \text{Atotal} = 551^2 + 399,751 + 1687; \\ \text{Lp derivada} \rightarrow \text{A(l)} = \left[\frac{5,51^2+399,751+1687,5}{1}\right]^4 \\ \text{Lp (11)} + 399,75)1 - (5,51^2+399,751+1687,5) \\ \text{Qa} \\ \text{Lp A(l)} = 0 \rightarrow 111^2 - 5,51^2 + 399,751 - 399,751 - 1687,5 = 0 \\ \text{Lp 5,5}1^2 = 1687,5 \rightarrow 1^2 = 1687,5/5,5 = 306,818 \rightarrow 1=17,51 \\ \text{Qa} \\ \text{Lp 5,5}1^2 = 375/1 \rightarrow 375/17,51 = 21,41 \\ \text{Qa} \\ \text{Particle of the superscription} \end{array} $
And improve $\rightarrow l \cdot h = 375 \rightarrow And total = (l+4,5)(h+5,5)$ $49 h = 375/l$ $40 $
49 h = 375/l $49 h = 375/l$ $40 h$
49 h = 375/l $49 h = 375/l$ $40 h$
$ \frac{1}{2} 1$
$ \frac{1}{2} 1$
$\frac{L}{L} = \frac{1}{(11) + 399,75) \cdot 1 - (5,5)^2 + 399,75 \cdot 1 + 1687,5}$ $\frac{L}{L} = \frac{1}{(11) + 399,75) \cdot 1 - (5,5)^2 + 399,75 \cdot 1 - 399,75 \cdot 1 - 1687,5 = 0}$ $\frac{L}{L} = \frac{1}{(11) + 399,75} \cdot 1 - \frac{1}{(1$
$\frac{L}{L} = \frac{1}{100} + \frac{1}{1$
$\frac{L}{L} = \frac{1}{(11) + 399,75) \cdot 1 - (5,5)^2 + 399,75 \cdot 1 + 1687,5}$ $\frac{L}{L} = \frac{1}{(11) + 399,75) \cdot 1 - (5,5)^2 + 399,75 \cdot 1 - 399,75 \cdot 1 - 1687,5 = 0}$ $\frac{L}{L} = \frac{1}{(11) + 399,75} \cdot 1 - \frac{1}{(1$
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$\frac{2}{4}$ $\frac{1}{5}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}$
$\frac{2}{4}$ $\frac{1}{5}$ $\frac{1}{5}$ $\frac{1}{6}$ $\frac{1}$
$0 h = 375/Q \rightarrow 375/17,51 = 21,41$
$h = 21,41 + 5,5 = 26,91$ \rightarrow [Altwia = 26,91 cm] $l = 17,51 + 4,5 = 22,01$ [Largura = 22,01 cm]
1 = 17,51 + 4,5 = 22,01 $1 = 17,51 + 4,5 = 22,01$ $1 = 17,51 + 4,5 = 22,01$ $1 = 17,51 + 4,5 = 22,01$ $1 = 17,51 + 4,5 = 22,01$ $1 = 17,51 + 4,5 = 22,01$ $1 = 17,51 + 4,5 = 22,01$
- Caargova - No. Oir
credeal

$3) \mathcal{J}(x) = 5 - x^2$
V
$x=0$ $\Delta x = b-a$ $\alpha = 0$ $x=0$ $\Delta x = 0$
y=0 $f'(x)=-2x$
$y = f(x)$ $P \Delta x = 1 - P y = +2.1 = 2$
para. m=2 - 1 $42+2=4$
para M=4 -D AX= 1/2-DY=+2.1/2=1
401+1+1+1=4
para m=8-DAX=1/4-DY=+2.1/4=1/2
2+1+1+1+1+1+1-
Para m=2, m=4 e m=8 e 4 unidades de área
credea



$(5) \int_{-1}^{x+1} (e^{-x}) dx$	/
$L = -x - b \int a \cdot f(x) dx = a \cdot \int f(x) dx$ $L \int \int x^{-1} e^{u} du$ $L \int - [e^{u}] - x^{-1} - p e^{x-1} - e$	
20 Ascea 2016 2p-e-x-1+e	
Lry=e-x	
	credeal