

$$y = (a-3)^2 + (2a-6) \cdot (x-a)$$

$$J(\alpha) = \frac{(\alpha+3)-(\alpha-3)(\alpha+3)}{2\cdot 2}$$

$$\int = \frac{\lambda \cdot \gamma}{2}$$

$$y = (a-3)^{2}+(2a-6)(-a)$$

$$2 = -(\alpha^2 - 3^2) = -(\alpha - 3) \cdot (\alpha + 3)$$

 $\lim_{\lambda \to \frac{\pi}{2}} \log_{\lambda}(\lambda) \cdot (2\lambda - \pi) = \lim_{\lambda \to \frac{\pi}{2}} \frac{(2\lambda - \pi)}{\lambda} = \lim_{\lambda \to \frac{\pi}{2}} \frac{2\lambda - \pi}{2} = \lim_{\lambda \to \frac{\pi}{2}} \frac{(2\lambda - \pi)}{2} \cdot \frac{\sin(\lambda)}{2} \cdot \frac{\sin(\lambda)}{2} = \lim_{\lambda \to \frac{\pi}{2}} \frac{2x - \pi}{2} \cdot \frac{\sin(\lambda)}{2} \cdot \frac{\sin(\lambda)}{2} = \lim_{\lambda \to \frac{\pi}{2}} \frac{2x - \pi}{2} \cdot \frac{\sin(\lambda)}{2} \cdot \frac{\sin(\lambda)}{2} = \lim_{\lambda \to \frac{\pi}{2}} \frac{2x - \pi}{2} \cdot \frac{\sin(\lambda)}{2} \cdot \frac{\sin(\lambda)}{2} = \lim_{\lambda \to \frac{\pi}{2}} \frac{2x - \pi}{2} \cdot \frac{\sin(\lambda)}{2} \cdot \frac{\sin(\lambda)}{2} = \lim_{\lambda \to \frac{\pi}{2}} \frac{2x - \pi}{2} \cdot \frac{\sin(\lambda)}{2} \cdot \frac{\sin(\lambda)}{2} = \lim_{\lambda \to \frac{\pi}{2}} \frac{2x - \pi}{2} \cdot \frac{\sin(\lambda)}{2} \cdot \frac{\sin(\lambda)}{2} \cdot \frac{\sin(\lambda)}{2} = \lim_{\lambda \to \frac{\pi}{2}} \frac{2x - \pi}{2} \cdot \frac{\sin(\lambda)}{2} \cdot \frac{$ $\frac{0+0}{-1}=-2$ (fl-2) = 3·(-2) +10·(-2) = 3·16 + 8·(-8). 3) f(x) = 3x4.8x3 DE-IR 48 -64 = -16 (x)=12x3+24x3=12x3(x+2) De1=12 f(x):0 => 12 (x-1)=0 => x=0 v x=-2 XG (-01-2) (-210) (21+00) f(x) 20 volie restorm no <-2,000 (-2,00) regribbs - + b(x) je volie blesgin nu (-21-2) cole lobale rominum v love -2 | f(-2) = -16 9 f(x) = (1-x)·e-x 10 (1-2) et 3 x=1 1:0 -> 2-x Dx =1/2 => men periodicla', suda', link ()(x) = (-1).ex, (1-x).ex.(-1) = -ex-ex+ x.ex f(x) =0 => (-2+1)=0 1=2 (3-x) (1) = -e^x (-2+x) + e^x (1) - 3e^- - e^- x DA = IR $G'(X) = 0 \implies 2X - X^{2} = 0 \qquad -2 - 7 \\ 6 - 9 \qquad X = 0 \\ X \cdot (2 - 1) = 0 \implies X = 0 \\ X = 2$ bold) jo while Absign m (-NIZ) b(x) je cothe ristom in (1,12) 16 (-012) (5140) x6 (-010) (013) (3140) b(x) 20 honorum no (013) + Ogn(6'(1) - - -05(0)(1) (1x) ze honkurin na (-0010) (31+4) flx) må cole lolali minimo v bole 2 | b(2) = -e-2

ce & vapryller vina month v 3 => $-1.2^{2} + F_{2} = 0$ rem asymbly $(1-x).e^{2} = 0$ $e^{2}-xe^{2} = 0 \Rightarrow e^{2}(1-x) = 0$ 4-= lim b(x)-kx=0 asymlou who so 1=0