a) fa) e al (Vz+ sn x) muxto, f(0)-0. $f(0): \ell m \stackrel{e^{-it}}{\leftarrow} (\sqrt{v+s}, n \frac{t}{t})$ $- (v_1 - 1) \leq \sqrt{v+s}, n \neq s \leq v_2 + 1.$ Im e^{-ta} = lm $e^{\frac{t}{t}}$. $e^{\frac{t}{t}}$ = lm $e^{\frac{t}{t}}$ lm = 0, m.e. fm e-H (Vz+5,n+) -6, m.e. f (0)=0. P(D) = e x / (1/2+5/12) e x (05 x - 2 e x (1/2 +5/12 - cosx) f(a) = == ex (-vz-sinx-(05x). 3 duming you Viz tsint toost you the me. f (x) 70 youx 70 4 + (2) =0 ym 2 <0. + (0)=0, m. e. +(1)76 mgy 1170; +(3) ≤0 mgu 21 ≤0 > lumunyu ngu x-0. I ngun Irunpenyulob rem, n. h. +(1) re worden zadu yu x≠1 J) + () = = = ((\(\x + (0 \) \)) mm \(\x + (0 \) \) ble anasonver njerknyd). f(0): (im & # (Vit(05+) \\ \frac{1}{2} \\ \text{V2+(05+ \frac{1}{2} \text{V2+(05+ \text{V2+(05+ \frac{1}{2} \text{V2+(05+ \frac{1}{2} \text{V2+(05+ $f(\alpha) = \frac{1}{x^2} \cdot e^{-\frac{1}{x}} \left(\sqrt{2} + \cos \frac{1}{x} + \sin \frac{1}{x} \right)$ $\sqrt{x} = \frac{1}{x^2} \cdot e^{-\frac{1}{x}} \left(\sqrt{2} + \cos \frac{1}{x} + \sin \frac{1}{x} \right)$ $\sqrt{x} = \frac{1}{x^2} \cdot e^{-\frac{1}{x}} \left(\sqrt{2} + \cos \frac{1}{x} + \sin \frac{1}{x} \right)$ $\sqrt{x} = \frac{1}{x^2} \cdot e^{-\frac{1}{x}} \left(\sqrt{2} + \cos \frac{1}{x} + \sin \frac{1}{x} \right)$ $\sqrt{x} = \frac{1}{x^2} \cdot e^{-\frac{1}{x}} \left(\sqrt{2} + \cos \frac{1}{x} + \sin \frac{1}{x} \right)$ $\sqrt{x} = \frac{1}{x^2} \cdot e^{-\frac{1}{x}} \left(\sqrt{2} + \cos \frac{1}{x} + \sin \frac{1}{x} \right)$ $\sqrt{x} = \frac{1}{x^2} \cdot e^{-\frac{1}{x}} \left(\sqrt{2} + \cos \frac{1}{x} + \sin \frac{1}{x} \right)$ +(x)= == ex (sn; (05x-12) +(x) 7,0 npu x >0; +(x) 50 npu x <0. me. + (2) 7.0 mm x 20; f (21) < 0 mm x < 0 => muruny m ma x = 0.