Oppo 1 11 an / x = 2 / x(1 - x)'x = artar (2 / x(1 - x)) X2-19 Oyye 1 2) y = e-a x2 y = U x2 a 2 0 6 > 0 a = 0 = 1e x = x 1 ~ Ln  $x = \sqrt{e^{-x^2}}$ X20753 0//15)  $x^3 + x^2 - 3 \times - 3 = 0$  $3 \times = x^3 + x^2 - 3$  $X = \frac{1}{3}(x^3 + x^2) - 1$ X, = - 1 + 0 3 (x - 1)(x - 33)(x + 33)

16) 
$$g(x) = x^{2} - (0)x^{2} + 35x^{2} - 50x + 24$$

$$g(x) = 4x^{2} - 10x^{2} + 20x - 50$$

$$g(x) = 4x^{2} - 9x^{2} + 12x^{2} - 31x + 12$$

$$g(x) = 4x^{2} - 17x^{2} + 54x - 31$$

$$(7)$$

$$y - y_{0} = a(x - x)$$

$$y - f(x) = f(x)(x - x)$$

$$y - f(x) = f(x)(x - x)$$

$$x - x_{0} - f(x)$$

$$x - x_{0$$

Trelantuletha { xn } 2 { yn } 1×491 / 191 Cral 8 1x + 41 = |x1+141 {Xi} + x , {yi} + y , {xn + y } + {xi} + {y} } ? 1(x, + y)-(x +y) < E, E>0  $|(x_{n} + y_{n}) - (x + y)| = |(x_{n} - x) + (y_{n} - y)| \le |(x_{n} - x) + |(y_{n} - y)| \le \frac{\varepsilon}{2}$ Beur liden xu+ x ia vil for en N', der u Z N', |Xn-x| < \frac{\xi}{2} lider y ty in vil ler en N", ler n ZN", lyn - y / < \frac{5}{2} 1 = wax (N', N") 1(x+y)-(x+y) = = = E 1(x, + y) - (x + y) | < E Ky, 27  $21) \left\{ 2(n+1) \right\}_{n=1}^{\infty} \rightarrow 2$  $\lim_{n\to\infty} 2(n+1) = 2$  $\lim_{n \to \infty} \frac{2(n+1)}{n} = \lim_{n \to \infty} \frac{2n+2}{n} = \lim_{n \to \infty} \frac{2n+2}{$ 22) {xu3 -> x for N der v > N, vá leiner en E > 0 elik at lax, - axl < E  $|a \times x_n - a \times | = |a \times x_n - x|$ tor N', ler n z N', rà lans en E > 0 elik at  $|x_{\mu} - x| \leq \frac{1}{\alpha} \xi$ N=N'

