lin 42 - lin 52 - lin 2 = 4-5+2 - 1 = 2 2) $\frac{2^{k-1}y}{2^{k-2}} = \left[\begin{array}{c} 0 \\ 0 \end{array}\right] - \lim_{x \to 2} \frac{(x+2)(x-1)}{2^{k-2}(x-3)} = \lim_{x \to 2} \frac{2+2}{x-3} = \frac{4}{x^2} = \frac{4}{x^2}$ 3) lan 12.8-3-[0] - tom (vx-2-3)(2-3+3) 11) lim 1-2-2' = [00] = lim 2 - 1 - 0 - 0 - 1 - 1 = -0,5 NE4-15 lim 50 - 22-1 = lim 50 + lim 22 - lim 1 = 20 - 4 - 1 = 15 11 x = [0] - 1 = 1 N64.18 Un 22-3 = 23-3 = 3-3 = 0 = 0 184.19 ha 2+-12-5 = [2] - lim (2-5/2) = lim 2-1 = 5-1 = 4-0,4 from 425-22++2 - [0] fin 42+-32+1 = 0-0+1 = 1 = 10,5

 $\lim_{x \to 1} \frac{x^{3} + 2 \cdot 2}{x^{3} + 1} = \left[\begin{array}{c} 0 \\ 0 \\ \end{array} \right] = \lim_{x \to -1} \frac{(x+1)(x^{3} - x + 2)}{(x+1)(x^{3} - x + 1)} = \frac{1+1+2}{3}$ Causa Topseya Gree $x^{3} - 2 + 2 = \frac{1}{3}$