Nome: Eduardo Henrique de Almeida Izidorio Matricula: 2020000315 Disciplina: Cálcula I Exercicios 1. Determine, se existir, os limites abacco: c) $\lim_{x \to 2} \frac{x-2}{x^3-8} = \frac{2-2}{2^3-8} = 0$ incluter minado C) $\lim_{x \to -2} \frac{x^3 + 8}{x^4 - 16}$, $\frac{(-2)^3 + 8}{(-2)^4 - 16} = 0$ indituminado lim 23+8 - x3+8 - x3+23 - (x+2). (x-2x+4) 2+-2 x4-16 x4-16 x4-24 (x-2)(x+5)(x2+4) $\lim_{X \to -2} \frac{\chi^2 - 2\chi + 4}{\chi^3 - 2\chi^2 + 4\chi - 8} + \frac{(-2)^3 - 2 \cdot (-2)^2 + 4 \cdot (-2)^2 - 2 \cdot (-2)^2 + 4 \cdot (-2)^2 - 8 + 3 - 4$ lim x2-2x+4 = 3 "
x-3-2 x3-2x2+4x-8-4" 9) lim x-16 - 16-16 + 0 indeterminado lim x-16, x-16, \x +4, \x +4 \x \x +4)
\x +16 \forall x -4 \forall x +4
\forall x +

credeal