2020 (im x35x - x3 - [00] = = (100 x (405x -x2) = 1100 (100x -x2) = (32)= 100 x3 (2-4-7) = 11th 12 x x -1 = 0 10-1 = 1 $\frac{1-3x^{2}}{x+2x-2} = \left[\frac{3}{3}\right] = \lim_{x\to\infty} \frac{x^{2}(\frac{1}{2}x-3)}{x^{2}(4x^{2}-\frac{3}{2}x^{2})}$ 11 = \$ = 0-3 = -3 N 6.4.33 11m x3+x = [3] $\lim_{x\to 0} \frac{1}{x^{2}} \left(\frac{1}{x} + \frac{1}{x^{3}} \right) = \lim_{x\to 0} \frac{1/x + 1/x^{3}}{1 - 3/x^{2} + 1/x^{3}} = \frac{0 + 0}{1 - 0 + 0} = \frac{0}{4 - 0}$

11m x3 (41 fa) = 1/m (fre x=2) = = 0 11m x - 2x = [50] = 100 11- 11-11 = 1-0 = 1= 0 $\lim_{x \to \infty} \frac{x^3 \left(x^2 - \frac{x}{x}\right)}{x^3 \left(2 + \frac{x}{x} + \frac{x}{x^3}\right)} = \lim_{x \to \infty} \frac{x^2 - \frac{2}{x}}{2 + \frac{x}{x} + \frac{x}{x^2}} = \frac{\cos x}{2}$ 16 4.35 1im (-13-1 -x) = [-0 - 0] = = = = 0

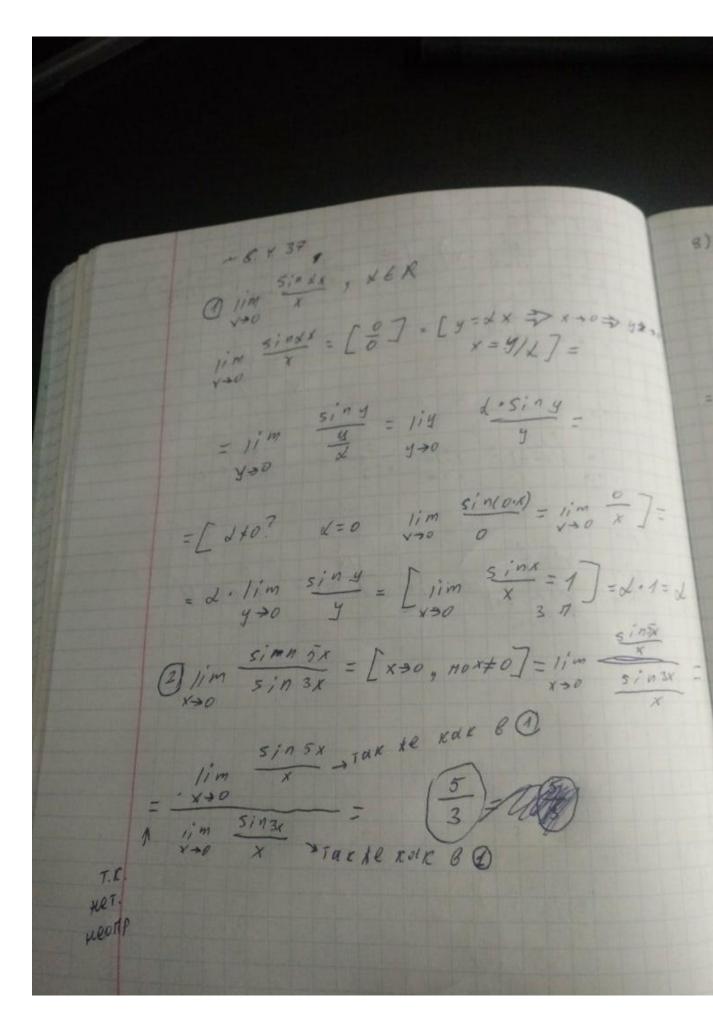
$$\frac{1}{1} \frac{1}{m} \left(\frac{x^{3}}{x^{2}-3} - x \right) = \left[\frac{\infty}{\infty} - \infty \right] = \frac{1}{1} \frac{m}{m} \left(\frac{x^{3}-x^{3}+3}{x^{2}-3} \right)$$

$$\frac{1}{1} \frac{m}{x^{3}} \frac{3x}{x^{2}-3}$$

$$\frac{1}{1} \frac{m}{x^{3}} \frac{3x}{x^{3}-3} = \frac{3}{1} \frac{3}{m} \frac{3}{1-3} \frac{3}{1} = \frac{3}{1-0} = 0$$

$$\frac{2}{1} \frac{\pi}{m} \frac{3}{x^{2}-3} = \frac{3}{1} \frac{3}{m} \frac{3}{1-3} \frac{3}{1} = \frac{3}{1-0} = 0$$

$$\frac{3}{1} \frac{3}{m} \frac{3}{1-3} \frac{3}{1} = \frac{3}{1-0} = 0$$



写) 11mm cos と - [cos を つ] = 0] = = [大子でライーでから、リニメーで、カナロ $\frac{eos(y+\frac{\pi}{2})}{2\cdot (y+\frac{\pi}{2})-\pi} = \frac{-siny}{2y+2\pi\pi-\pi} = \lim_{y\to 0} \frac{-siny}{2y} = -\frac{1}{2}$ $\frac{x \operatorname{resinx}}{A} = \begin{bmatrix} e = \operatorname{arcsinx} \\ y \operatorname{vsinz} \\ y + 0 = y = \operatorname{avcsinx+0} \end{bmatrix} = \lim_{t \to 0} \frac{t}{\sin t}$ 1-0 DO 15.06. 2020 Teprobux N 6.4.38 - 6. 4.45 (poly 8. He nodym)