N6421 1im 2x -x-1 = [=] = $x o -\frac{1}{2}$ $= \frac{2(x+1)(x+\frac{1}{2})}{-6(x-\frac{1}{2})(x+\frac{1}{2})} = \frac{x-1}{-3\cdot(x-\frac{1}{2})} = \frac{1}{3\cdot(x-\frac{1}{2})} = \frac{1}{3\cdot(x-\frac{1}{2$ $=\frac{-\frac{1}{2}-1}{+\frac{3}{2}+4}=\frac{3}{2}:\frac{11}{2}=\frac{3}{2},\frac{2}{11}=\frac{3}{11}$ 2 64-23 1im x3-x2+3x-3 = F 07 = $= \frac{\chi^{2}(\chi-1) + 3(\chi-1)}{2\chi^{2}(\chi-1) + (\chi-1)} = \frac{(\chi-1)\cdot(\chi^{2},3)}{(\chi-1)^{2}(\chi^{2},1)} =$

NG # 24 82+7x+0 = x2+7x+6 1111 x3+6x2+3x+12 = x2(x+6)+3(x+6) = 2. (4+4) - 16 = 1,6 $= \frac{(\chi_{+1})(\chi_{+6})}{(\chi_{+3})(\chi_{+6})} = \lim_{\chi_{+6}} \frac{\chi_{+1}}{(\chi_{+3})} = \frac{-5}{+39}$ 11 m \(\frac{\infty \text{2xt3'} - 3}{\infty - 2' - 1} = \begin{bmatrix} 0 \\ 0 \end{bmatrix} = \left[\frac{\infty}{0} \end{b ([2x+3 -3)(+2x+3 +3) ([x-2 ++) NS. 4.25 1im x2+2x = [0] = x+0 x2+2x / [x+25] +3 = (1x-2'-1) (1x-2'+1) (12x+3'+3) $\frac{1}{x^{2}} = \frac{1}{x^{2}} =$ = (2x+3-9) (x-2+1) - (x-3) (12+3+3) $=\frac{2(x-3)(4x-2+1)}{(x-3)(1-3)(1-3)}=\frac{2\cdot (4+1)}{3+3}=\frac{2}{6}=\frac{1}{2}$ 16.4.28 11 12-x -1 - ANDLORUND 6.4.27 11m 3/2-x -2 = [07 1; m x(x-2)(-1x2+6x +4) a3 b= (at 6). (a + a6+62) 11 M X6x-2)(+x216x +4) 2.1(4+12 +4) (d + h) = a3 + 32 8 + 34 8 2 + 83

1; m(+ 2-x -2)((32-x 12+3/2-x .2+2) x .((3/2-x 1)2+3/2-x .2+2) = (4+4). (75-4" + (75-4". 34-3") +24-3" $= \frac{3 \cdot (1 + 1 + 1)}{-2} = -4 \cdot 3 = -12$ $= \lim_{x \to 2} \frac{(3\sqrt{8} - x')^3 - 2^3}{x \cdot (3\sqrt{8} - x)^2 + 2 + 3\sqrt{8} - x' + 2^2)} =$ HEPROBUR 8431-6436 = 1/m = 1 1/30 3/(3-x)=+23/8-0"+4 = 3/64"+3/8-4 = -1 = -1 26430 1:11 3 15-x - 7 x-3 / ((19-x') + (15-x-9)+ 1im (x+4)(x-4)=(\$5-x'2+(\$5+3/x-3)+3/x36) = (x+4)(x-4)-(3/5-X2-(3/5-X2-3)+3/x-3) 1im (x+4) - (3/5-1/2 + (3/5-x -3/2-3) + 3/x-3) + 3/x-3)