X->00 2x2 + 3x + 4 heoryequiculoune noglaman 4 juanemonen da 5 + 14x - 3x2 Wim (x-Vx2x+1) (x+vx2xx1) 22-X+1 200 2+ Ux2-x+1 x -> 10 x2 - (x2 - x+1) x + V x2 - x + 1 9.00 x + V22-x+1 1-50

2 M West Samenander 2 1- - 241 513 3 Euge Kn - T.M. e e 2+ (2) 20 2 一一一 2+(2,50 (7 + (2) 32 ms) " (Myriein) => Mr. x DOUX NO 12 07 Couregane cuessa 2 10.0 1 2 - 2 : 3x +2 I hay & X, 30 notuegobernelouseme 8 Deceyame leoganedens 17mm 17 20 : 120:1-(1-1) (1-4) ... (1-4) 20 = (1- 1) . (1-1) (1-1) nocuegolamelbuoima My 1 3: 1) = 6 20 3x+2 2m = (4-2) (1-4) ... (1-2m) 2 Cm oyammena heuzy my my you benougen 1 + 3x+2 3x+2 Um 2 (110)

5. Um 7 - (08/2x). 2 Um 7 - (1-25/42x)
2 20 2 3/4 x Z (Um 2 Sin x 2 Um, 2 Sin x) 2 2 menerum

Z XOZO X Sin x X >>0 (X) Z 2 menerum

Apregen $\frac{2}{2} \lim_{x \to 5} \frac{-3x - 1}{x + 3} = \frac{-16}{8} = -2$ $\frac{3\sqrt{1+2x'}+1}{3\sqrt{1+2x'}+1} = \frac{3\sqrt{1+2x'}+1}{\sqrt{1+2x'}+1} = \frac{3\sqrt{1+2x'}+1$ $\frac{3\sqrt{1+2x^2+1}}{2\sqrt{1+2x^2+1}} \left(\left(\sqrt[3]{1+2x^2} \right)^2 - \frac{3\sqrt{1+2x^2+1}}{2\sqrt{1+2x^2+1}} \right) \left(\sqrt[3]{1+2x^2+1} \right) \left(\sqrt[3]{1+2x^2+1} \right) = \frac{3\sqrt{1+2x^2+1}}{2\sqrt{1+2x^2+1}} \left(\sqrt[3]{1+2x^2+1} \right) = \frac{3\sqrt{1+2x^2+1}}{2\sqrt{1+2x^2+1}} = \frac{$ $\frac{2 \ln (1+2x+1)(\sqrt{2+x'}-x)}{(2-x)(x+1)(\sqrt{2+x'}-x)}$ Un 2 (V2m-n) 2 (12-1+1) (2+1)(((1-2)2) - (11-2)8/ +1)