[0] = (im (x2)(x+2) lim Kim X-2 (X+2+16x - lim (X-2)( VX+2+6 x) Cem ( 2) ( x+2 + V6x) = lin (x2) (xx + 06x) 2(X2) - Cem June + Jex = 2+2 = [2] N2.62 lim 1- 5x24 [0] = lim (1- 14 ) + 0x41 lim 1-(x2+1) - lim freero = lim - freero N2.64 lim 19+ex -5 = lim 33x 18+2x 31x - 2 19+2x 33×3 Cim 3 3/80 12 2,41 XTS 12.66 354 lim 34x -2 335 X+2 ULYX - ULX 2 VEHZ 354 3 1/2 Em 234 5 200 240 Elim UTX - 2 V ZIX X+2 X-72 33 XT. ( VEX - 2 VEXX) 2014 - (2+x) = lim lim 26 248x3, (21x)3 284 8 (2 ( RHX))3 XX 3 3x2 (JEX - 2 JAK) 33x2 (JX - 2 J2HX)

3 0x ( 2x - 2 2xx) - Cim 4 6 /2x 22x 20 32× (0× -2000) Cim 4 5 16x 3 +24x 9 + 12x 3 + 2x 8 3 The CHEN' - ECLERY) 4 676 23 + 44 . 29 + 12 20 + 2 26 3 3 22 (04 - 204) 48 346 -2 + 3/2 . 29 2 - 2 4 3/2 +4 3/2 3 3/23 12.68 (1 x (x 41'-x) = lim (x 1x4 -x4) = \$\lim\(\tim\ = lim (x4+x5x4) = lim xe = lim fitte +1 lim (xe+1-x=1)= 10-0] = lim(xe+1-x=1) (x+1+0x=1) E lim X 2 H - (X 2 F) = lim X 2 + 1 = lim X 2 + 1 = lim X 2 + 1 + 1 = lim lim 2 - 2.0 xxxx 4+1/x + 1-2/x - 4+0+ 4+0 = 0 12.72 (im )x + 3x + 6x = [0] = lum 9x (1+ 3) + 6x x > 1

4210 lim W-X -3 Cim lim = 3357 = 1-21 ICTX. -8 2+3× Cim 18+13 - 2 18+7 07 - lim 1x+13-2 x+1 , VX+13 + 2 JX+1 UXHB + 2 JAC X+13-4(X+1) = tim (x29) ( Jans + evan) ( x73 (x-3) (x+3) (Jans + evan) (x-3)(x+3) (x+3) ( Cim - 3x+9 X73 lim X X X 13 + 2X VX + + 3 X + 13 + 6 XX 12.78 lim X-716 EX-2 EX +2 UX-4 EX +2 - Cem (4x+2) (x+4) (ne &) = (im (CI+X -1) ((CI +X)"+(CIIX)"-1 CIIX) Cim CHX -1 N70 X(CAA)"+ (CAA)" + + CAA+15 X(" (" ( ) "+ ( ) ( ) ( ) " + . + " ( ) ( ) + x +1) tim (CI+X)"+ (CI+X)"+1.+ CUEX +1 X-70 V2.82

+ 2 3 Jx 3x 48 X (-X+3) X(x+1)(3 (x243x4) + 23 (x53x4) +4) 1-4+4+4 6 (X+1) (3 (XX 3X 18) 2 + 2 3 (X45X 18 +4) - lim wax + sux 3-14x -3-1x 30 (HX) + 30 (HX) lim 2 (14x) (1x) 3 (1-x) + 3 (1+x) = lim (1-x'+ (1+x) · 3 · ((1+x) · (1-x)) /3 2((4+x)(+x)) 4 (34x) +34x) 3i (4x) (4-x) = lim(VI-X + LIX) 3 ((14x)(1-x)) 16 ling (1-x ) 4 (1-x ) 16 2 3 (4x) 2 + 3 (4x)2 2(3(41) + 3(44)2) Clim (3 VIX + 3 VIX) (1-xe) 16 2(3(4X)2 + 3(4X)2) lim (3x3+ x2+1 - 3 x3-x2+1) = [2] = Elem (3) x34x247 - 31 x3x247 3/x3+x241)2+3/x24x3+x34x41+3/2844 

3 x 6 + x 4 + 2 x 9 + 2 x 3 + 2 x 8 + 3 X 6 + 2 x 3 - x 6 + 1 3 X 6 + 1 4 - 2 x 3 + 2 x X3+X2+1-(x3-X241) 35 x 51 ex 3 x 4+1 + 3 16 +4 41 - 21 32 28 28 X (3) x + 2 + 2 + 2 + 3 x + 2 + 1 + 3 x + 2 + 2 + 3 x + 2 + 2 + 3 x + 2 + 2 + 3 x + 1293 & JAHUR = Cim (CX + X VAHUR) UX - X (+UX+UX-X em 11+ 0xtox x - 11-0x+0x.x

CATT - 2 VX+2 + UX+3) ( lim ( X )XH - XUX ( X TENSON - 2x x Deta + 1/x3 . (x+3) = lim (XXXXII) - 2 X DC(XXII) + X XXXXII) = (in) (x V X3+X 7-2X UX 1+2x + X UX 1+3x) = Dlim X 4 (( TH +20 X+2 ) + (X+3) ( X+1 2 (X+2) - (X+1) (XH 2 (XHZ) - (XH3) xxxx x3/2 (x+1 + 2 (x+2) 2 - (x-3) JAT - 2 JA72 - JX+3 X+1+4 (x 43x +2 +4x+8 - x+3 WHT - E CX+2 - JS43 Cim x 3/2 12+4x +4 /x 2+3x+2 = lim x 4 (3+x+ x+5x+2) VX18 - 2 VX12 - UX13 6+2x+2 (x++x+2) (6-2x+2 (x+3x+2) (VX+8-2-1X+3) (6-2x+2(X3+3x+2) xthe = (VX+4- 2 (X42 - (X+3) (6-2X+2 (X3+3X+2) 4+1+2/1+2 (E2-2+2) KUT+00

3/2 (xe+ 3xi2 - vx42x) (X+8+(X+8)+ X+CX+3+ 2+3x+2+ (2+2x) 2 lim + 1+ 1+ H+ 3') (XX + 3 + 2 + XX + 2) 2 = 12