





4 + arccot(12) = - 1 + c 401= 4 x + 8100 x = -1 +c => = + 3(ccoto(=) = -1 + c C= 1 +1 +2 + 810001 (x)=-1 + 1 +1 · (2y2x-3) dx + (2y244) dy = 0 0 [25x-3] = 0 [29x +4] = 247x = 4xy = 251 es exacta 2 (52, x-3) = (15x) 2 / (42) = (15x) x-3) 0x f(x,y)= 23xx2 -3x+K(y) = C \$ [f(xy)] = \$ [yx -3x + K(y)] = 24x + 4 698 [= [LEIX] 8 542 6+ 2×82 = [LEIX] = [ 89A K(9) = 42 =0 f(x,9) = y2 x -3x + y2 = C4 · (xy2+x2y2 +3)6x +x2y 64=0 3 [xy +x2 + 3 ] = 2 [x2] = 2 2 x + 2 y = 2 in exacta 28x+23x -28x = 4x33 = 2= \$\infty 1) +1: 6759x = 5x 9 [Exx] + Exx3, +38x] = 9 [ 65x xa] 2 exy + 2 exy = y (2x ex + ex. 2x2) = D Exoctal 3 [fixis] = e2xx32 fe2xx292 +3e2x f(x,9) = [(e2xxy2 + e2xx2y2 + 3e2x) 2x

f(x/1) = 1 3262xx + 3 e2x + K131 = C 3 [1(xx)] = = [ + 32 65x5 +3 65x + K(A)] = 6 x5A 1 6 xx + 3 [KISI] = 6xx2 KA1= 000 = 1 KA1=01 f (1) = 1 3 c2x 2 + 3 c2x + 0 = C4 · 3x +29 + x24 (2x + 2xy +532)y'=0 (2x+2xy+5y)dy= (-3x-2y-42)dx (3x+24+82) dx+(2x+2x0+542), dy =0 1 62+2 = 62+2 = [264 6x2+x2] = [26+ 62+x8] = 5 3[f(x)3]=3x+50+A5=2 &(x)3)= 2(3x+50+5A5) 3x 1(x,1)= 3x + 5ax + 5ax + k(a) = C 24 [ (xxx)] = 3 [ 3 2 + 2 3 x + 2 3 x + (x(y)] = 2x + 2xy + 5y2 2x +49x + 0 [k(9)] = 2x +2x94592 Kry)= St-2xy+5y2) 2y => Kry) = -xy2+5y3 \$(x,y)= 3x2 +24x +24x -xy2 +543 = C/

