









E= x2-4 = (x+2/(x-2)=> x+2 = 1 X-2 = 3 x-2 5 ln /E/ = = X + 3 ln 1x-2/ - 11 ln 1x12/70 = 3 x-2 ln/x2-41 V84. Sxxx - b2 = Sx+ (a2x"-b2) - - Sx+ (a2x"-b2) dx nx)9+C $y \quad t = x^2 \quad t = 2x$ $x = \sqrt{t}$ ax 4- b2 = (ax2-b) (ax2+b)=(1 t = 2ax S(t-b)(t+b)2ax = 2a St2-b2 1 25 (2x - b) 2x E+5 = P lp/ax - 6/ 1 1 2a 2b + C $t = \sqrt{1-x^3}$ $x = \sqrt{1-t^2}$ $t = \sqrt{1-x^3}$ $x = \sqrt{1-t^2}$ X=3/E-1 7.114 - Sax E = - 3 x 2 1/4- t3/3/2 -2 2 t 3 3/ - ty2 3 3 1/1 - +2/2 S dx S dt J XVt = J X VE dxt (= 3 x2) JXZXV3 E -3x JX(JE - 3X) 1 1+ t/= dt= 3 (1-t2)2 3 (1-t3)

dx= - 2 18 8 x 14-x2 2 = 3 7. 115. 12 2 Ju - 4 - 12 1/2 - 2) 2 - 2) 2 - 2) 2 - 2) t / 19-4 7 125 8 4 VAG- X2 $X = \frac{2}{t}$ $dX = -\frac{2}{t^2}dt$ $t = \frac{1}{t^2}$ dt - 12 dt/= f & dt ta -2 t2 V4-x2 -2 ln 12/ - 2 t) do 7.124 dt = f. dt= dt. J - x 2 + 4 - 9 J (J4-x2)2- 4 - XVUD X V4-X2 dt = 1 ln/t-2/ en 1 V4-x2 - 2 7.124 Carcos x dx = X arcosx + 11-X2 04 X = U= percosy d v= dx du = - 1 dx 25 = dx V1-12 = $t = 1 - x^2$ => $x = \sqrt{1 - t}$ ln

