Anterpara Valto 1/5 (1) layer demon 8.5.19 / COSX = [t=ty]; dr = 200 ; losa = 1-11] $=\int \frac{1+\ell^2}{1-\ell^2} \cdot \frac{2d\ell}{1+\ell^2} = 2\int \frac{d\ell}{1-\ell^2} = -2\int \frac{d\ell}{\ell^2-1} = -2\int \frac{d\ell}{\ell^2$ 8.5.20 Sax = [==ty]; 2dd(1+t)=rfx; 1-sing=1+1;11 =7 [1-1] = [1+12 - 2df = 2 | 11-1) = [1-1=n=7dn=v(1]=2 [1/2] $=2\int m^{-1}dn=\frac{2\cdot m^{-1}}{-1}+(\frac{-2}{m}+(\frac{-2}{1-1}+(\frac{-2}{1-1})^{-1}+(\frac{-2}{1-1})$ 8.5.23 Saxtogxes - [O(x = 201; 251n) = 111 ; 10) = 111/2 = \frac{2\de (44-1+12+5+5+2)}{1+t^2} - 2\frac{0/t}{61^2+464} = \frac{36^2-26+2}{36^2-26+2} = \frac{11}{366-5} \frac{3}{36} = \frac{11}{366-5} = \frac{1 = $\left[\int_{3}^{2} \xi + \frac{1}{J_{3}} \right] = m = r d n = \int_{3}^{2} \int_{3}^{2} d \xi = \pi d \xi = \frac{d n}{J_{3}} \right] = \frac{1}{J_{3}} \int_{3}^{2} \frac{d m}{m^{2} + J_{3} n} e^{2\pi i \frac{1}{J_{3}}} = \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{d m (1 - \frac{1}{J_{3}})^{2}}{\int_{3}^{2} \frac{1}{J_{3}}} + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{1}{J_{3}} + \left(= \frac{1}{J_{3}} \right) + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{1}{J_{3}} + \left(= \frac{1}{J_{3}} \right) + \left(= \frac{1}{J_{3}} \int_{3}^{2} \frac{1}{J_{3}} + \left(= \frac{1}{J_{3}} \right) + \left(= \frac{1}{J_{3}}$ $= \frac{1}{J_{51}} g_{2}(t_{5}^{2}) \frac{3 t_{5}^{2} \frac{3}{2} \epsilon_{5}}{J_{51}} \epsilon_{5}^{2}$ $= \frac{1}{J_{51}} g_{2}(t_{5}^{2}) \frac{3 t_{5}^{2} \epsilon_{5}^{2}}{J_{51}} \epsilon_{5}^{2}$ $= \left[\frac{1}{2} t_{5}^{2} + \frac{3 t_{5}^{2}}{J_{5}^{2} + \frac{3}{2}} +$ = 1 \ \frac{dR}{RHI} = \frac{1}{2} \cdot \frac{1}{3} \tau \ \frac{1}{3} \tau \frac{1}{3} \tau \frac{1}{3} \tau \frac{1}{3} \tau \frac{1}{3} \tau \ \frac{1}{3} \tau \ 8.5.17 Satscorn = [tg x=t; dr=10 105 x=10] = (11) = 100 = 10 8-5.29 SSIN XXX = [t = COSX=)dx = - (STE SCAX= JI-L]= =- \\ \frac{\site}{\site \site =- f + 26 + 5 + 1 = (- losx 210532 - cos 1 2.5.50 SSCA42 COS X dIC=[t-SCAN=>dx=5+1; (OS)+1-+2]= = /4': (FE . (J1-6')5= fx.(1-6) d= fx(1-262+6") de=

5(AX= Jet]=-2 | Jet de = -2 | de = -2 | tode = -2 = 4= = 3 (5+(= 2 5/05) + (8-5.36 SSIAN SIA32 doc= [cos(d-B)-cos(d+B)= = SINX-SIN B] = 5 (052x-105421 d) == = = [los 2 21 d) x- = [los 2 = $\frac{1}{8} \int (\alpha_5) x o(\alpha_5 x) - \frac{1}{8} \int (\alpha_5) q x d(4) dx = \frac{1}{4} \int (\alpha_5) x - \frac{1}{8} \int (\alpha_5) x + (\alpha_5) \frac{1}{10} + (\alpha_5)$ = 2 | scn(-2) d > + 2 | sa = 2 d x = - 4 · sin 20 2) + 2 · 45 sin 20 2 = (-21052 = 6105 52 8.5.38 S(05x(05)xdx = f S((05/3x-x)+(05/3x+x))/dx= f S(05820dx = + 1 S(05 42 dx = 4 S(03 22 d(220)+ 8 S(03 42 d(4)0) = S(nex - S(nex + (8.5.91 Sey 4 20 On = Sty2 2 Egt & dn - [1 + Egt = sect =] = = \fy2\f(\sec^2\frac{\chi}{2}-1)d\chi =\f(\g'\frac{\chi}{2}\sec^2\frac{\chi}{2}d\chi-\frac{\chi}{2}\frac{\chi}{2}\frac{\chi}{2}d\chi-\frac{\chi}{2}\frac{\chi}{2}\frac{\chi}{2}d\chi-\frac{\chi}{2}\fr -) (05) x dx -) (05) x dx e dx = [(05)x = (+(05)x +] = 4 (0/x) = -