

 $= \frac{2n-1}{2n} \frac{g_{n-1}}{g_{n-1}} \frac{g_{n-1}}{g_{n-1}} \frac{g_{n-1}}{g_{n-1}} \int \frac{dx}{g_{n-1}} = \ln |t_{n}|^{\frac{1}{2}} \frac{1}{g_{n-1}}$  $C_{n+1} = \int \frac{dv}{\cos^{2n+1}x} = \frac{ginx}{2n\cos^{2n}x} + \frac{2n-1}{2n}$ = six sx + 1 ln/ty ( = + = ) 1+C gind x ging x dx ) gina ginb = 2 (COS(a-6)-COS(a-6) =) cosa cosb - { (cos (a+6) + cox ass Jeos 2x cos px dx Sin a ces & = = ( sinato) + sina-6) [ ] girdx cos Bx olx

008× 008 0× 008 5× dx = = ( COSK ( COS (x-5x) + COS (xx)) 04 = 1 Cosx (ces 3x + cos 4x) cx = =  $\frac{1}{4}\int (\cos(4x)+\cos(-2x)+\cos(8x)+\cos(-6x))dx =$ = 4 (cox(2x) + cos(1x) + cos(8x) + cos(8x) blx = = ginex, sinhx, sin 6x, sin 8x + C Интеграси от приодиональных - = 4 Station 2 Station = 20n/t + / 1 + 1 - 3 - 2(C+1) + C = : = 201/4 /241 /4. 3 - 14/4 + C = 201/2×41 - VEXHITI /+

 $\frac{(2) \int (2x+1) dx}{\sqrt{3+6x-9x^2}} = \int \frac{(2x+1) dx}{\sqrt{p_0}}$ ! HOK u HOD t = (xx+B); K= MOK(91,..., 9s)  $\frac{3}{\sqrt{3}} \int_{X} \frac{3}{\sqrt{3}} \frac{1}{\sqrt{3}} \frac{$  $= \int \frac{t' + t' + t}{t'' + t''} \int \frac{t'' + t'' +$ =: -65+6'+1 | 1+te = 6 | (13+ 1:) olt = 1 | 1+t' | = 6t + 6 arotet + C = 1.5 T2 + 6 arcte 4x + C (2)  $\frac{1}{\sqrt{(2+x)(2-x)^5}} = \int \frac{e^{1/3}}{(2+x)^{1/3}(2-x)^{2/3}} = \int \frac{(2-x)^{1/3}e^{1/3}}{(2+x)^{1/3}(2-x)^{2/3}} = \int \frac{(2-x)^{1/3}e^{1/3}}{(2+x)^{1/3}(2-x)^{2/3}} = \int \frac{e^{1/3}}{(2+x)^{1/3}(2-x)^{1/3}} = \int \frac{e^{1/3}}{(2-x)^{1/3}} = \int \frac{$  $= \int_{\mathcal{Q}-X} \frac{2-x}{2-x} dx = \int_{\mathcal{Q}-X} \frac{2-x}{2+x} dx = 2-x$   $= \int_{\mathcal{Q}-X} \frac{2-x}{2-x} dx = \int_{\mathcal{Q}-X} \frac{2-x}{2-x} dx = 2-2+3$   $= \int_{\mathcal{Q}-X} \frac{2-x}{2-x} dx = \int_{\mathcal{Q}-X} \frac{2-x}{2-x} dx = 2-2+3$ 

$$olx = \frac{-(l+x)^{2} - (l-x)}{(l+x)^{2}} = \frac{-2l}{(l+x)^{2}}$$

$$= \frac{-l}{(l+x)^{2}} \quad olx = \left(\frac{2-l}{l}\right)^{2} olt = \frac{-l}{(l+x)^{2}} = \frac{-l}{(l+x)^{$$