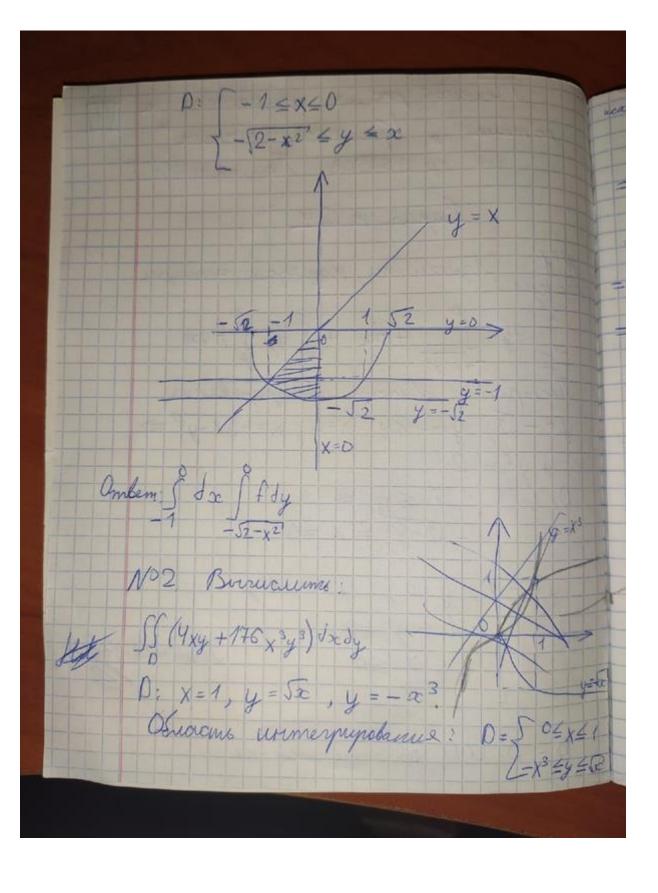
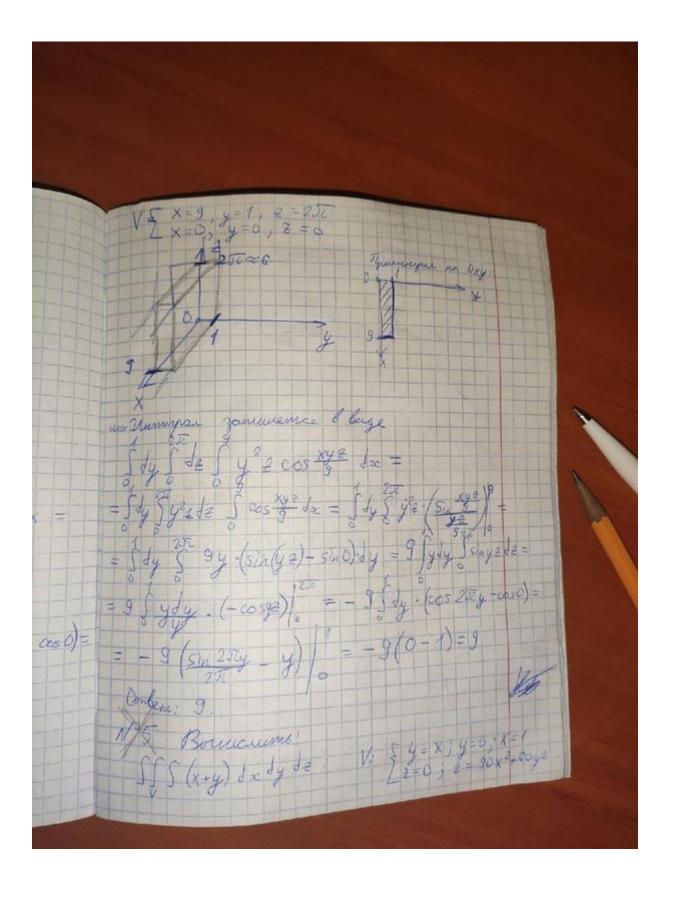
Thursdon pacrem no seamenamine nomene " Kyramusie unmerpain"
cm. 2p. 950503 Houseberun A. 9 Baymann 24 relaxure o $\int_{\mathbb{R}^2} Jy \int_{\mathbb{R}^2} f dx + \int_{-1}^{0} Jy \int_{\mathbb{R}^2} f dx$ Построили области империрования 4=-52; 4=-1; X=0; X=-52-y2/=> $x^{2} + y^{2} = 2$. $0_{1}: \quad -52 \le y \le -1$ 1 - 52-42 < x < 0 y=-1, y=0, x=0, X=y D2: 1-1=y=0 Thousaberruit A. J. 7 y = x <0 0 = D1 UD2 Donacme usen - ue:

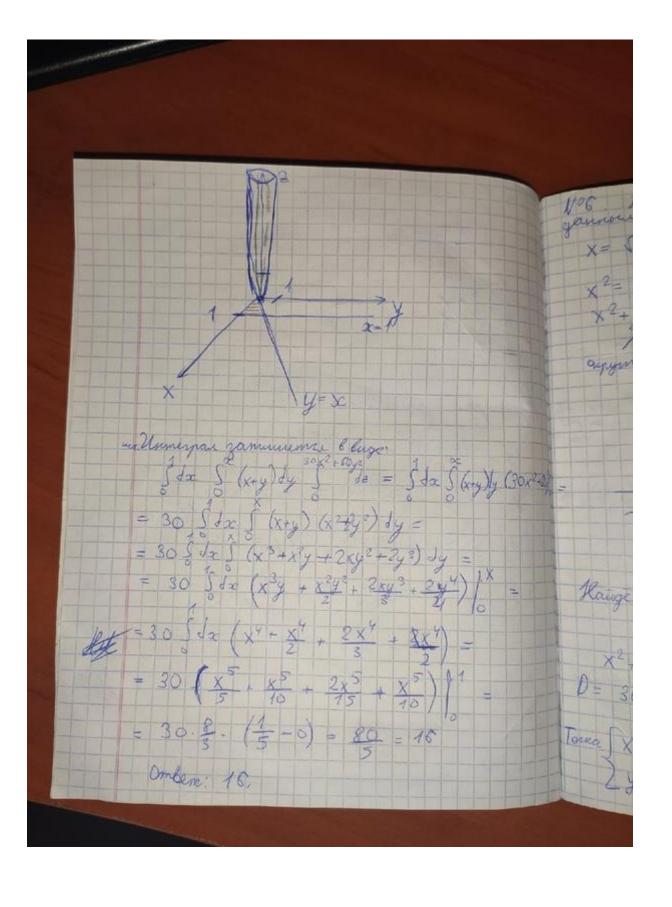


= Stx Sx (4xy+176x3y3) dy = = Stx (4xy+176x3y3) dy = = Stx (4xy2+176x3y3) dx = = 3 Qx2-2x7+49x5-44x15) de = = 12 x3 - 2 x8 + 44xc - 44xc) 1 = 2 3 - 8 - 15 | 1 = 3 2 = X3 Nº3 Bronaums: SS y 2005 xy dxdy Dix=0, y=52, y=2x 44E

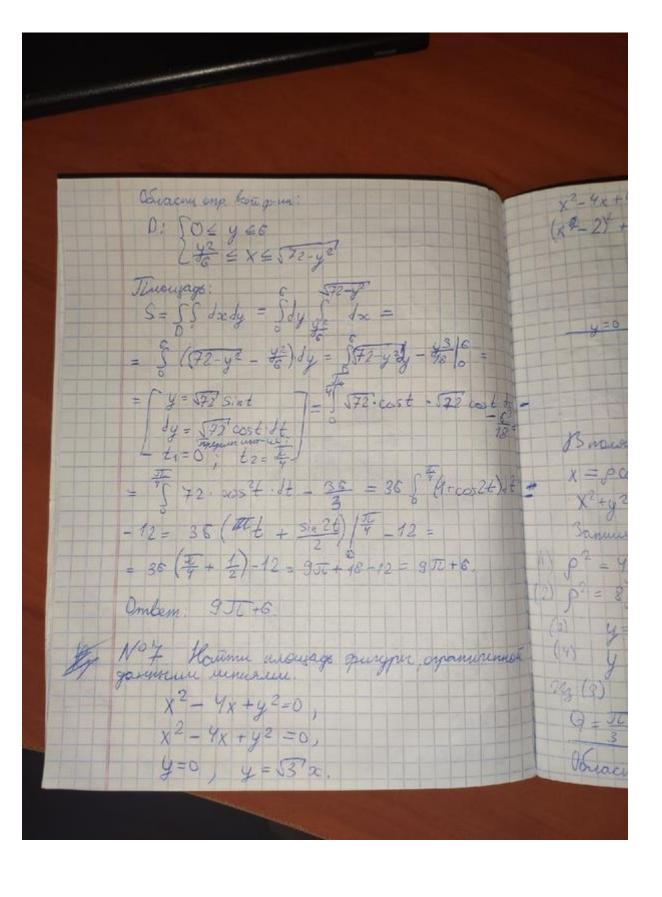
4=55 Donacous minispupule. D. 50 & y & ST un Uzmerpan zonnuvernaz & Brig!

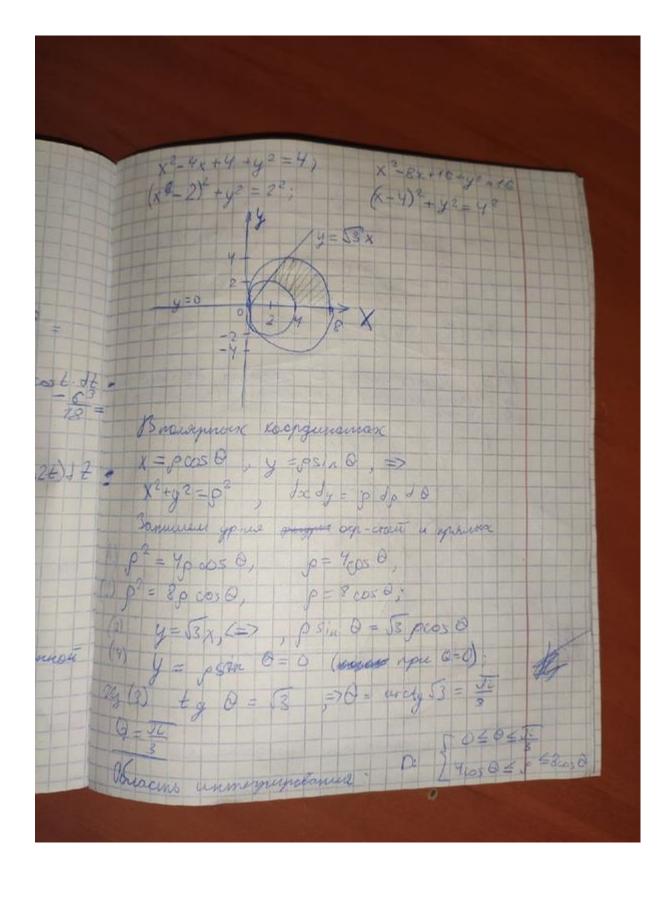
\$ by \$t y^2cosxy dx = \$ y by \$cos (ky) dx = = [t= y2; young t1= #] = It = y dy; t2 = 0] = = Tsin t It = - cost / = = (cos# - cos)= =-(0-1) = 1 Ornbern: 1 NOY Bringuerro 555 y2 2 cos xy2 12 dy 12

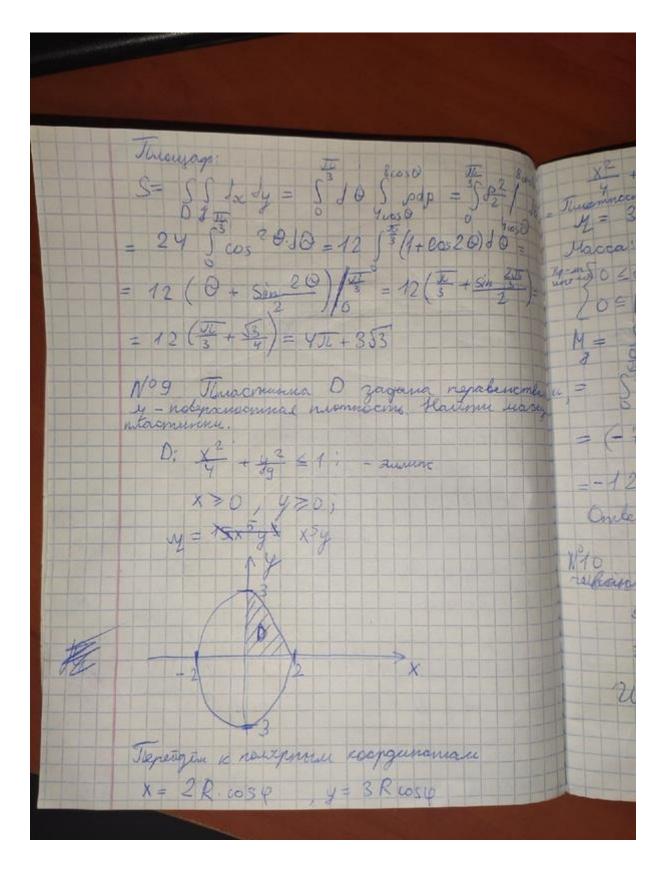




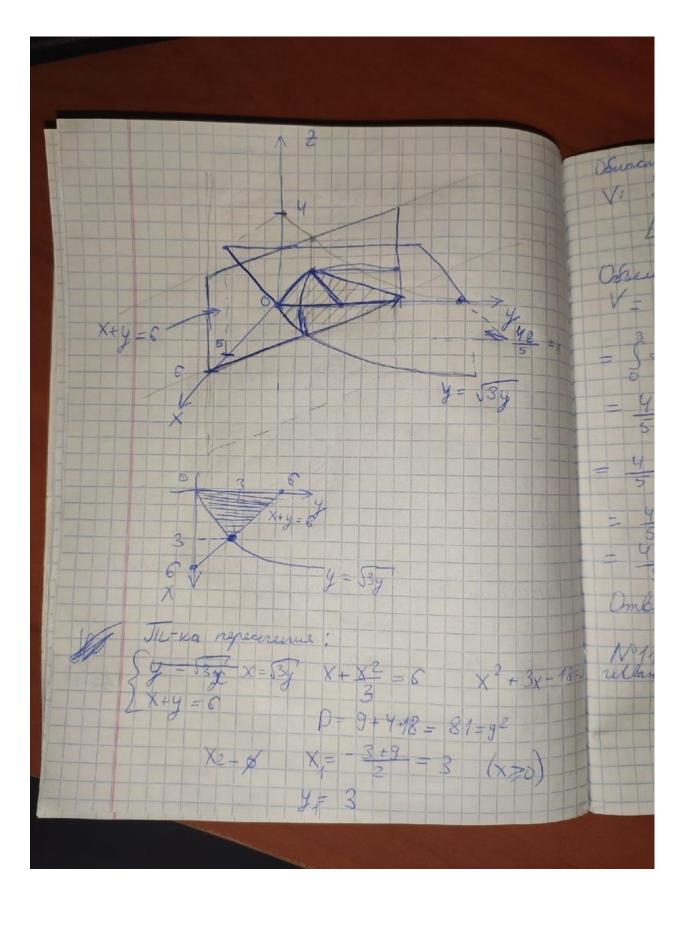
106 Ношони пинирада денгурог, ограничения x= (72-y2, 6x=y2, y=0(y>0) x2+y2=72; y2=6x; y=06; y=0 oyyumocone(R=J2) hapacama on ox ox but bome - y = JEX 6/652 Kaugent negreceremine $\int_{X^{2}+y^{2}=72}^{\sqrt{2}=6x}$ $D = \frac{2}{36} + \frac{4}{7} + \frac{2}{2} = \frac{3}{3} = \frac{6}{3} + \frac{3}{5} = \frac{6}{3} = \frac{2}{3} = \frac{2}{3} = \frac{6}{3} = \frac{2}{3} =$ J= JCX' = 6



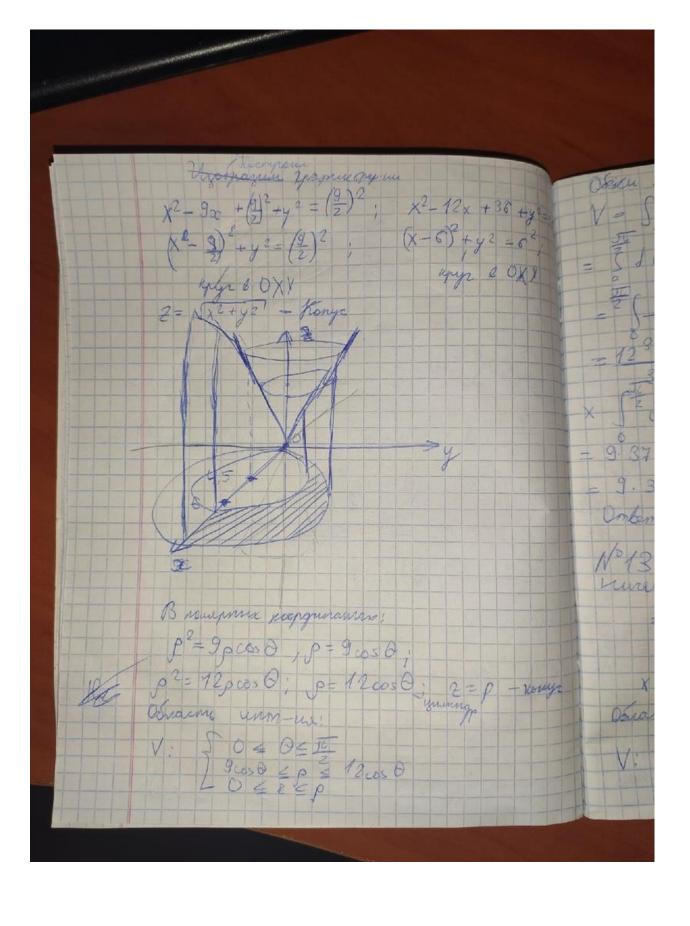




Ja - Theomocone: R 5 2 cos 5 4 3 R. Sing = 9 8 R6 cos 4 3/4 - Macca! 20 mg 0 & 4 & JE 10= R=1 M= 5 19 5 90 R 6 COS 50 SING 16 R JR-Marin = 52 /4 \$ 90.6.0054 18114.18 = (-42) 5 = 0 s 5 p s (cos p) = - 72 · cos q/2 =-12 . (0-1) = 12. Onten: 12. 110 flatime of sin mena zagannoro orpanix+y=6, X=134 2 = 4x/5, 2=0 Игрогация пав-ти:

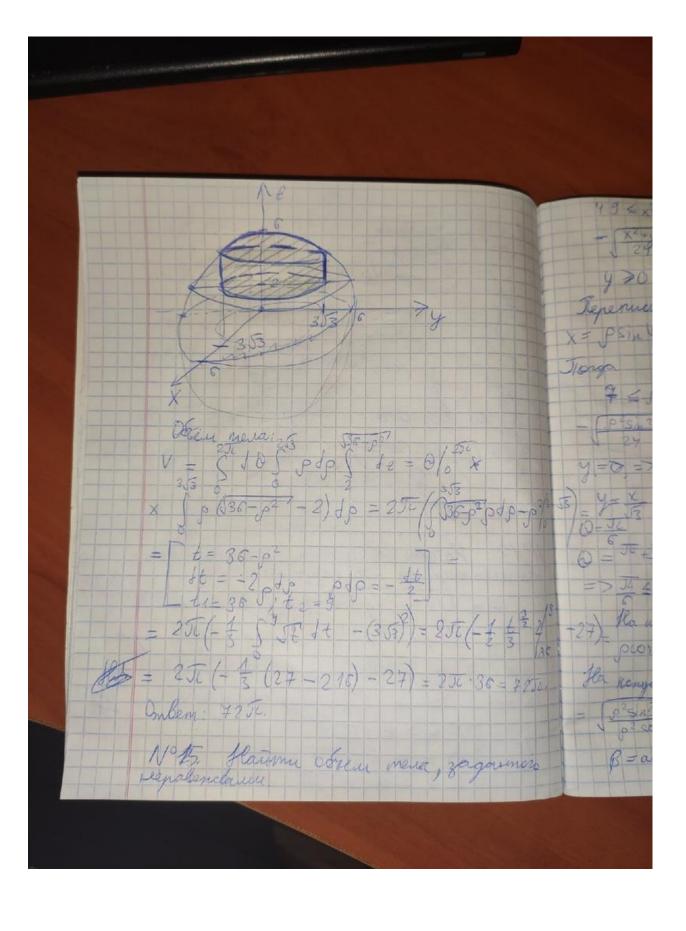


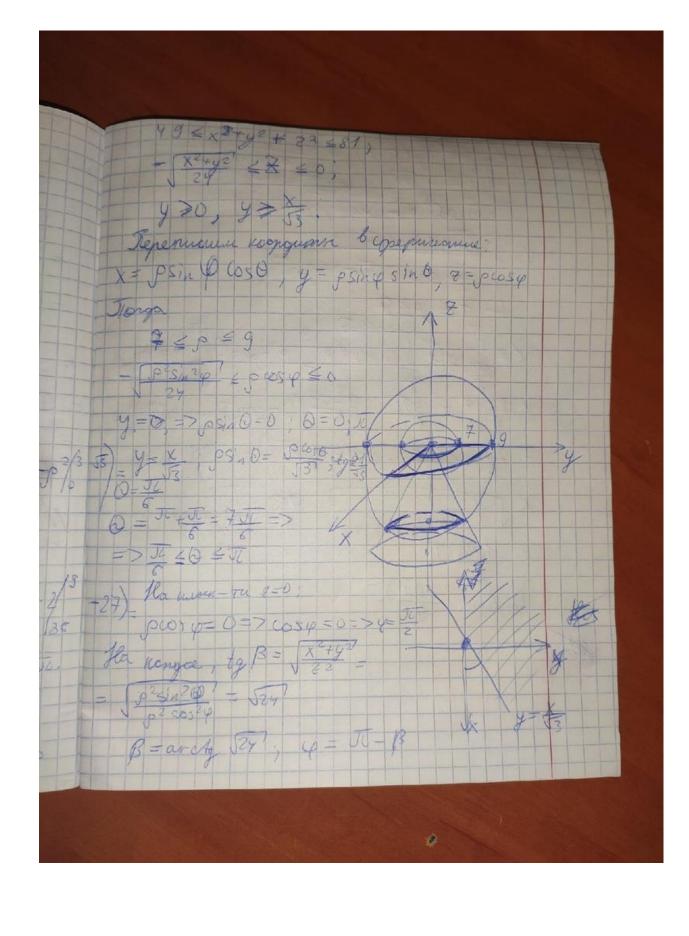
Duscus uper-ue u menzi SSS dredy læ = Str S dy Sta Osen mens: $\int x \cdot (6-x-\frac{x^2}{3}) dx = \frac{y}{5} (6x-x^2-\frac{x^3}{3}) dx$ Omben: 9, W11. Haunu obies mena jagannoso orpani



Oscu V= 55 d > c dy d2 = 5 d & 5 cos & pdp

55 V 12cos & 2 dp = 5 d & 5 cos & 6 cos 123 cos 30 - 93 cos 30 16 $= \frac{12^{3} - 9}{5^{2}} \int_{-\infty}^{\frac{\pi}{2}} \cos^{3}\theta + \theta = (12^{3} \cdot 4 - 9^{2} \cdot 3) \times \frac{\pi}{4}$ $= \frac{12^{3} - 9}{5^{2}} \int_{-\infty}^{\frac{\pi}{2}} \cos^{2}\theta \cos^{2}\theta + \theta = 9(64 - 27) \int_{-\infty}^{\infty} 1 - \sin^{2}\theta + \sin^{2}\theta = 0$ $= 9.37 \left(s_{1n} \Theta - \frac{s_{1n}^{3} \Theta}{3} \right) \left(\frac{1}{2} = 9.37 \left(\frac{s_{1n}^{3} - \frac{1}{3} s_{1}^{3} \frac{3}{2}}{1} \right) = 9.37 \left(\frac{1}{3} + \frac{1}{3} \frac{1$ Ontem: 222 Nº13 Plainne ocien mera gagnersos ognaymennypy OSeacous sopre O young Koongues





= - \(\frac{1}{9} = \frac{1}{9} \left(\sqrt{1} - \beta \right) = \frac{1}{10} \left(\sqrt{1} - \beta \right) = \frac{1}{10} \\
= - \(\frac{1}{9} \right) = - \sqrt{2} \\
= - \(\frac{1}{9} \right) = - \sqrt{2} \\
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\tag{12 \text{Lens} (\text{cos} \cdot \cdot \text{cos} \right) = \frac{1}{9} \left(-\text{cos} \right) \\
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\tag{13 \text{Lens} (\text{cos} \right) = \frac{1}{9} \left(-\text{cos} \right) \\
\tag{13 \text{Lens} (\text{cos} \r $\times \frac{9^{3}}{3} | 9 = \frac{2}{550}, \frac{9^{3} + 7^{3}}{3} | 0 - \cos(\sqrt{10} - \cos(\sqrt{10})) | 0 - \cos(\sqrt{10}) | 0 - \cos(\sqrt{10}$ = 55 16 , 386 . cos(arcty 529) = 965 16 x x 1 + 69 (arcty 529) = 985 JL x - 193 J Ombern: 193 Jt