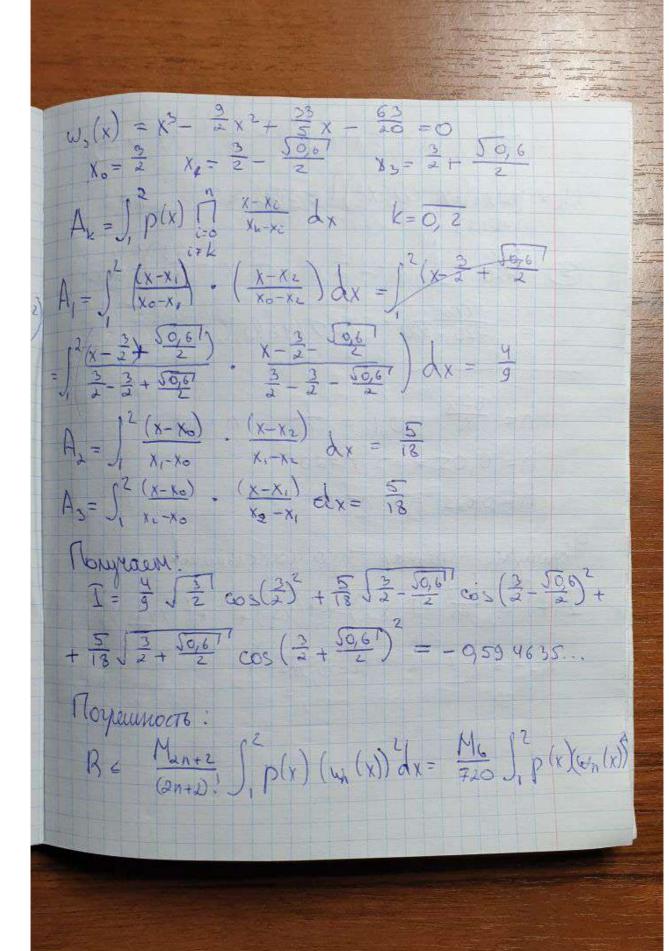
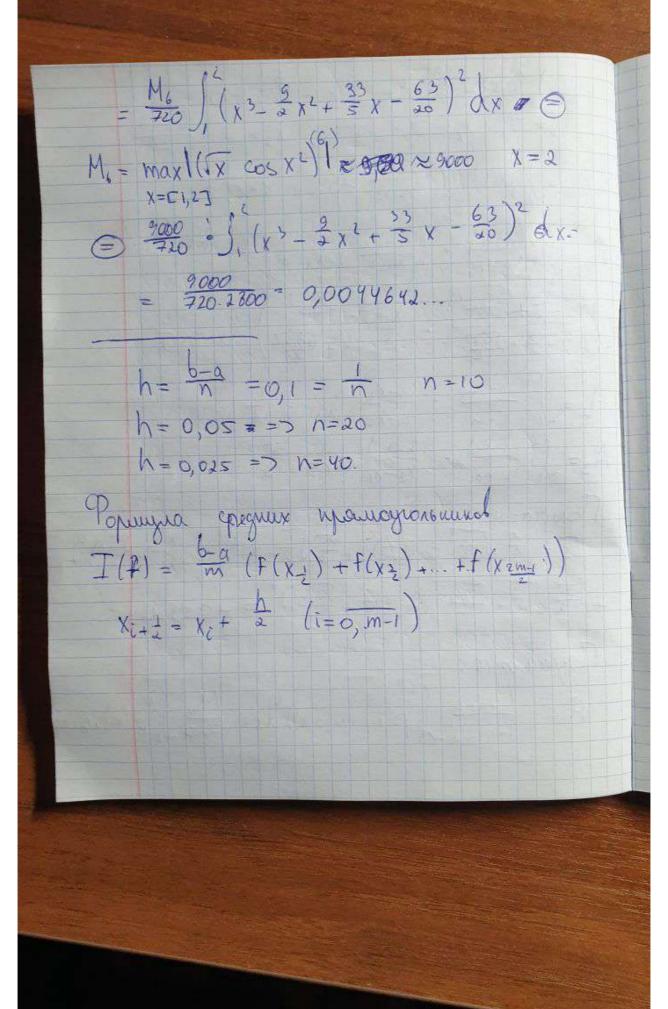
1 lorpempoets $\int_{1}^{2} \int_{X} \cos(x^{2}) = 1$ $\int_{1}^{2} \int_{X} \cos(x^{2}) = 1$ $\approx (2-1) (A, 5x \cos(x^2) + A_2 5x \cos(x^2) + A_3 \cos x^3)$ $\omega(x) = (x-x_0)(x-x_1)(x-x_2) = x^3 + \alpha_1 x^2 + \alpha_2 x + \alpha_3$ J. p(x) (a,x+a,x+a)xmdx=- [p(x)x2+m+1 J, (a, x2 + a) x dx = -) x3dy = - 15 $\int_{1}^{2} (a_{1}x^{2} + a_{2}x + a_{3})x dx = -\int_{1}^{2} x^{4} dx = -\frac{31}{5}$ $\int_{1}^{2} (a_{1}x^{2} + a_{2}x + a_{3})x^{2} dx = -\int_{1}^{2} x^{5} dx = -\frac{21}{2}$ $\frac{7a_{1}}{3} + \frac{3a_{2}}{2} + a_{5} = \frac{15}{9}$ $\frac{15a_{1}}{9} + \frac{7a_{1}}{3} + \frac{3a_{5}}{2} = -\frac{31}{5}$ $\frac{31a_{1}}{5} + \frac{15a_{2}}{9} + \frac{7a_{3}}{3} = -\frac{21}{2}$ $\alpha_1 = -\frac{9}{2}$ $\alpha_2 = \frac{33}{5}$ $\alpha_3 = -\frac{9}{5}$





Popuyna Finepa: $Scf(a,b) = \frac{h}{2} (f(a) + f(b)) + \frac{h}{2} h^{2} (f'(a) - f'(b)) = Icf3 = \int_{a}^{b} f(x) dx = \sum_{c=0}^{m-1} \int_{c}^{x_{c+1}} f(x) dx = \sum_{c=0}^{m-1} f(x) dx = \sum_{c=0$ $= \frac{h}{2} (f(x_0) + f(x_m) + 2 \sum_{i=1}^{m-1} f(x_i)) + \frac{h^2}{12} (f'(x_0) - f'(x_m)) =$ $F'(x) = \frac{\cos x^2 - 4x^2 \sin x^2}{2\sqrt{x}}$ f'(1) = -1,146 f'(2) = -3,47 Попришкать по Рукте Dre gronnyme gregner minosportnendo k=2. (hopason Tormonta) h=0,1; m=20 : Icfj = -0,585581 h=0,05; m=40 : I cf] = -9591237 h=0,025; m=80 · Irf3 = -0,593851 Bam = Sam - Sm = Sam - Sm um Rm = 1- t (S2m-Sm) = 2 (S2m-Sm)

Mes = 2. (Syo-Sio) - 0,005656 Byo = Suo-Szo) = +0,005656 Mzo = Szo-Syo = -0,002614 Поучиность Рупе для Эйгера; h=0,1, m-20: I Ef3 = -0,5963185 = S20 h=0,05 m=40: Icf3 = -0,5965224 =Sie h=0,025 m= 80 : ICf7 =-0,5963227 = So hopasok Torucciu k=5 Ram = Sam - Sm = 15 (Sam - Sm) P= Rm = 16 (Sam - Sm) B20 = 16 (S40 - S20) = 0,00000 416 Buo = 15 (Suo - Sao) = 0,00000026 A30 = 13 (S80 - S40) = 0,00000002.