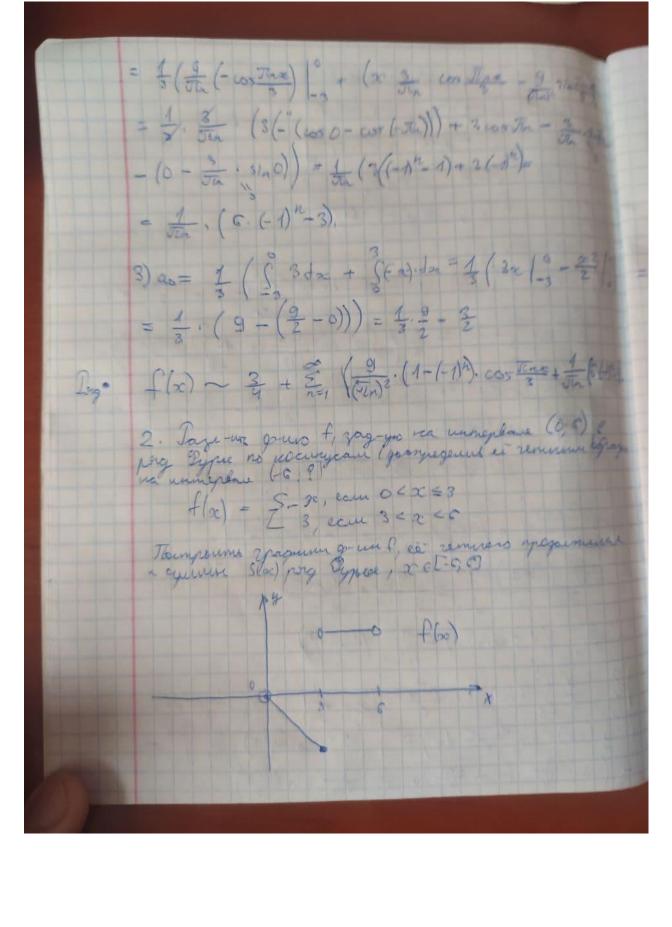


Annumerous f(x) Eggus Couragens $f(\infty) = \begin{cases} 3, & \infty \in (-3,0) \\ -x-6, & \infty \in (-c,-3) \end{cases}$ -1/x) = 5-x, xc(0;3] 3, 20063,07 1) an = { f(x) cos note 1/2 = 3/5(-sd. cos 3 dx+ * + 5 3 cos The dor = 1 (\$ 20. cos Junz de + 53 cos The de) = = U=Jux JU-Jundx = Bossen 3 Juna sin 3 + (2) | 9 cos (5tnx) = | 3 Itnx sin 3 + 9 cos 3 + 1 Trans + 9sin (Thr) 10 = 9 - 9cos Jln + 0 = Ji2n2 - Ji2n2 - 500 (1 + cos Jun) = 9 (1-(-1)2) $\frac{2}{5} \ln \frac{1}{2} = \frac{1}{4} \int_{-\epsilon}^{\epsilon} f(oc) \cdot \sin \frac{n\pi x}{\epsilon} \cdot dx = \frac{1}{4} \left(\int_{-\epsilon}^{\epsilon} 3 \sin \frac{3 \ln ac}{s} dx + \frac{1}{4} \int_{-\epsilon}^{\epsilon} (-x) \sin \frac{3 \ln ac}{s} dx \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3 \ln ac} \right) = \frac{1}{3} \left(3 \cdot (-as \frac{3 \ln ac}{s}) \cdot \frac{3}{3} \cdot \frac{3}$ - (2. 3 (-ws 5) + 3 3 3 sin sin 200 5



1) ao = { \$\int(\xi\) \delta + \sigma 3 da) = \frac{1}{2} (-\frac{\xi}{2} \cdot \beta + 3\cdot \beta \beta \] = = - 1 (- 9 + (8 - 9) = 1 . 9 - 3 2) an = \frac{1}{3} (\frac{5}{3} \frac{5}{50} \cos \frac{\tance}{3} \land 1 \times + \frac{5}{3} \cos \tance \tance \frac{5}{3} \cos \tance \tance \frac{5}{3} = 1 -x JN = -1 JN = cos 3 1.0 N= 3 . Sin Ja 2 3 . (-3x Sin Ja 2) 3 - 53 - 3 8/n Those + 3 sin The sin 3 (- 5) = 1 (- 5) Sin The - 9. 500 June 13 - 9 5in2 Jun - 9 . Sin Jun = $= -\frac{3}{56^{2}n^{2}} \cdot (-1)^{2} + \frac{3}{56^{2}n^{2}} = \frac{3}{56^{2}n^{2}} \left(1 - (-1)^{n}\right) = \frac{6}{56^{2}(2n-1)^{2}}$

