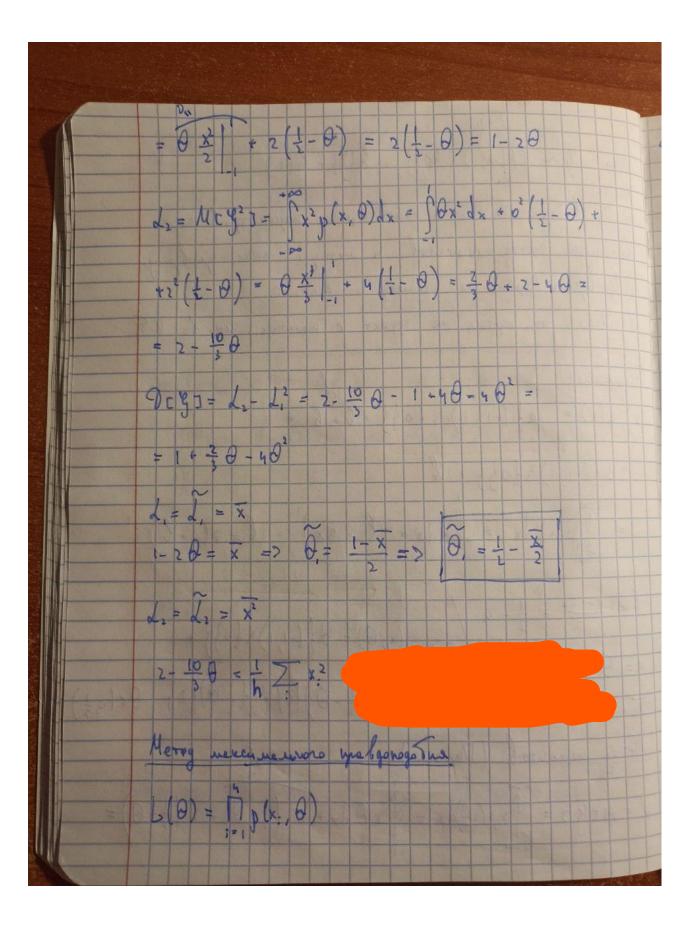
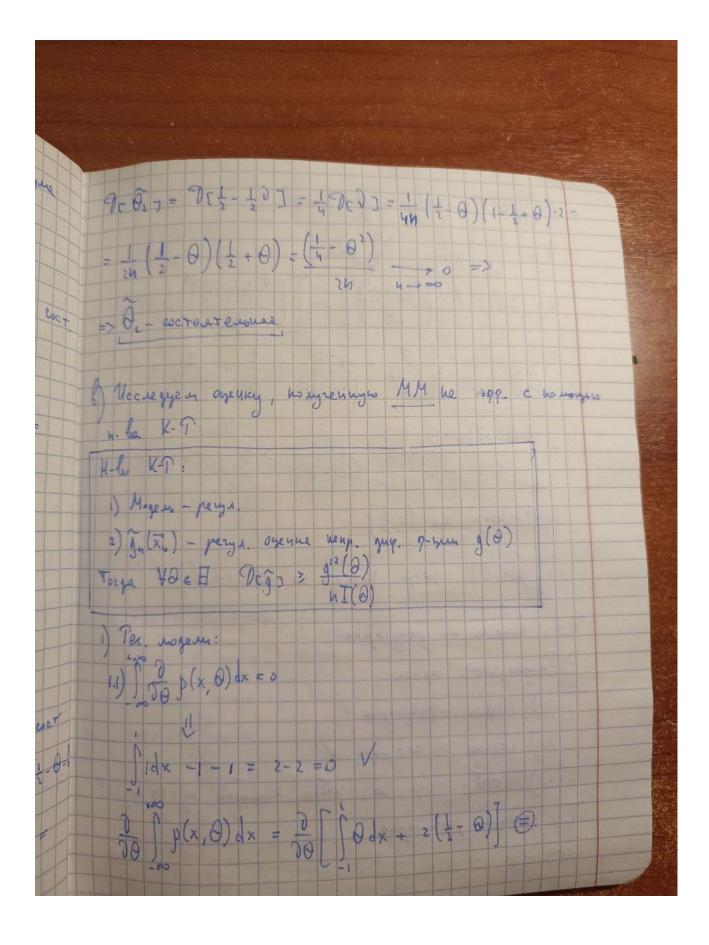
Tamo: 9 ~ P[(-1,1) {0}} + 6 203 + 6 223 a) The bordopue oroiene a montre ogenien napremerpolo ac. вешини метод. менентов и методом мене, праводия. 5) Tradepure onehum he necuenty in cocront. & Vaca. The oyelder we sopper. a nowayor nep. be K.F. e) p(x) = e{(-1,1) \ 2033 + 8 + 8 Temerine: = 02(-1,1)\{0}} +26 1= | p(x) dx = | adx + 26 = ax | + 16 = 2(a+6) 6= 1-20 = 1-0 /=> p(x,0) = 0[(-1,1)\{0}]+ + (1-0) {0} + (1-0) {2} \ 0 \ (0, \frac{1}{2}) Xi - bentopra Moray noneurob (Muncon) $d_1 = MC45 = \int x \beta(x, \theta) dx = \int x \theta dx + 0 \cdot (\frac{1}{2} - 0) + 2 \cdot (\frac{1}{2} - 0) =$



Tong crue in pay berparenece zuare nue o in 2 $L(\theta) = \prod_{i=1}^{n} p(x_i, \theta) = \left(\frac{1}{2} - \theta\right)^{n} \cdot \theta^{n-n} - qqueque vyabo-nogotius$ $\frac{h}{2} - \frac{m}{2} - h \theta = 0 \Rightarrow$ => h - m - n 0 = 0 = > 0 = \frac{1}{2} - \frac{1}{2} \left(\frac{1}{2} \right) 8=1-3 $\frac{\partial^2 \ln L(\theta)}{\partial \theta^2} = \frac{\partial}{\partial \theta} \left(\frac{1}{2} - \theta + \theta^2 \right) = \frac{m - m}{2} = \frac{m - m}{2}$ = (m-h) (\frac{1}{2} - \theta)^2 - m \theta^2 = \frac{m}{4} - m \theta + m \theta - m \theta^2 - \frac{m}{4} + n \theta^2 - \frac{m}{4} + n \theta - m \theta^2 - \frac{m}{4} + n \theta = m(=-0) - h(=-0)2 6/1-0) Trumber bagis menne (1), bugno, ino (2) < 0

gecra rousse you. maken my me our opagar bono neum Morrory Q = 1 - 1) Trobegues overny nongremmy o MM as necuses in cost MEÐJ = MCJ - XJ = 1 - + MCGJ = 1 - + (1-20) = = 1-4 + 1.29 = 0 => 0 - vecnemental LOCTOST! 9051 = 901 - x] = 100x] = 100y] = $\frac{1}{3}\theta - 4\theta^2$ $\frac{3}{3}\theta -$ Trategues ogeney, nonymount MATT he recovery in coer Mc 8, 1 = Mo 1 - 10] = 1 - 1 MED 3 = 1 - 1 O, - vecue menual



Ucus (2) (20 + 2 - 20) = 2(2) =0 T. b. $\frac{\partial}{\partial \theta} \int y dx = \int \frac{\partial}{\partial \theta} p dx$ $\frac{\partial}{\partial \theta} \int y dx = \int \frac{\partial}{\partial \theta} p dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) dx = \int \frac{\partial}{\partial \theta} \left[\frac{\partial}{\partial \theta} \left(y(x, \theta) \right) \right] + \left(x, \theta \right) dx$ $= \int_{0}^{1} \frac{1}{2} \frac{1}{2}$ $= 2(\frac{1}{2} - 0) + 20 = 0$ $= 0(\frac{1}{2} - 0)$ 0 , t. u O e (0, L) T(0) - neup we (0, 12) O (orel) 13) p(x, a) - weng grop-me ne . o. more no - penyuna 2) Pergraphoeto ogenera 2.1) Mogers - pergrapue V 22) Oyeune - necue my 2.3) 9 (Di s - Dzye we undin . o ogence per repue

Honowayen who Kyenepe-Tho 1'(0) = 0(\frac{1}{2} - 0)
1 = 0(\frac{1}{2} - 0) 1- = 0-402 0(2-0) -> ogenne 0 - ne 3019ear Vecreggen ogenay, wayse may MMOT he +900 c herongers 4-lie K-T $9 \pm 6 = 0 (\pm -6)$ -on he $\pm \text{ whickse hy} (0, \pm) = 0$ Hogens - penjulpue } gonagens panes Via nomen leschous. u-bon K-T gre nec regolience we sopeuru beserve => oyeune D. - sypeurubuse 900,7 = 0(1-0)