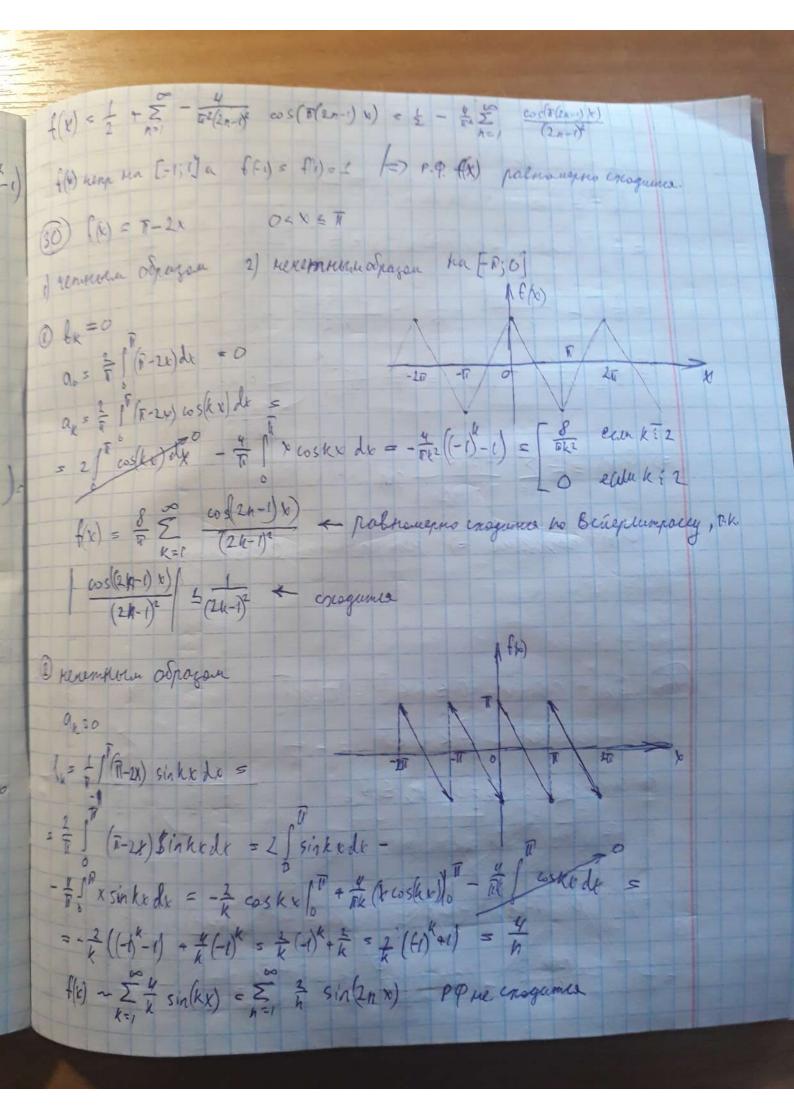
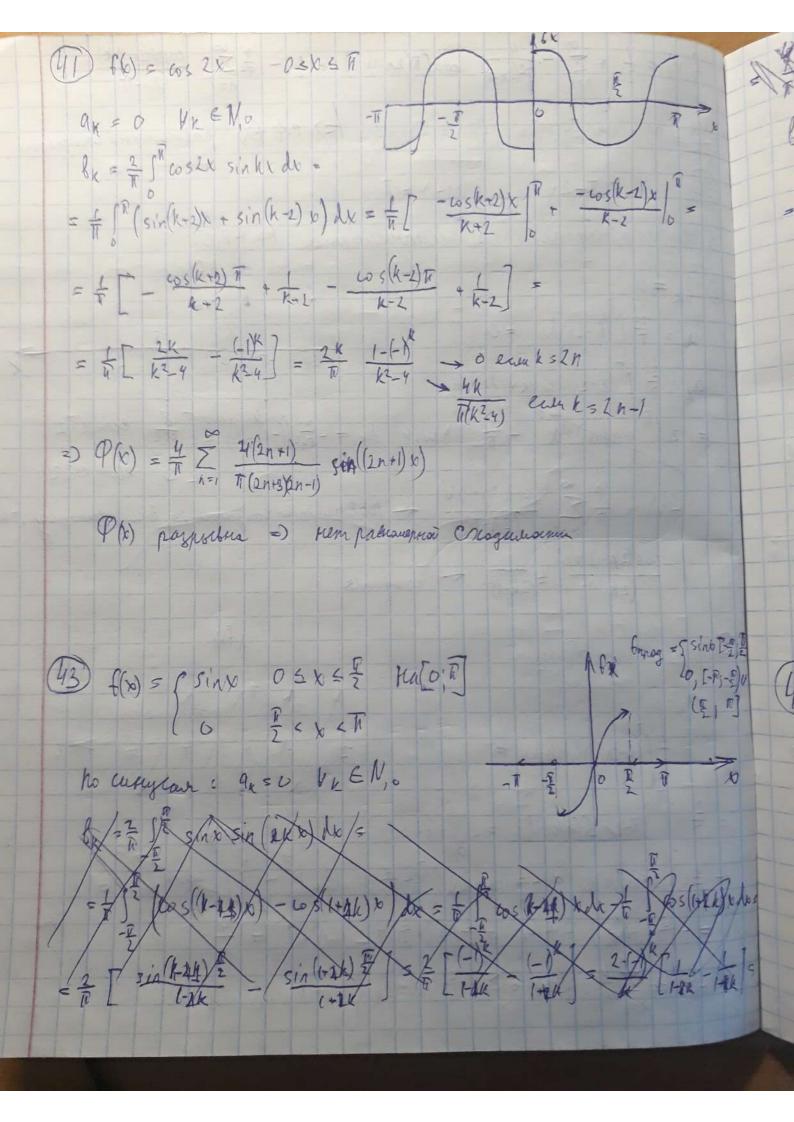
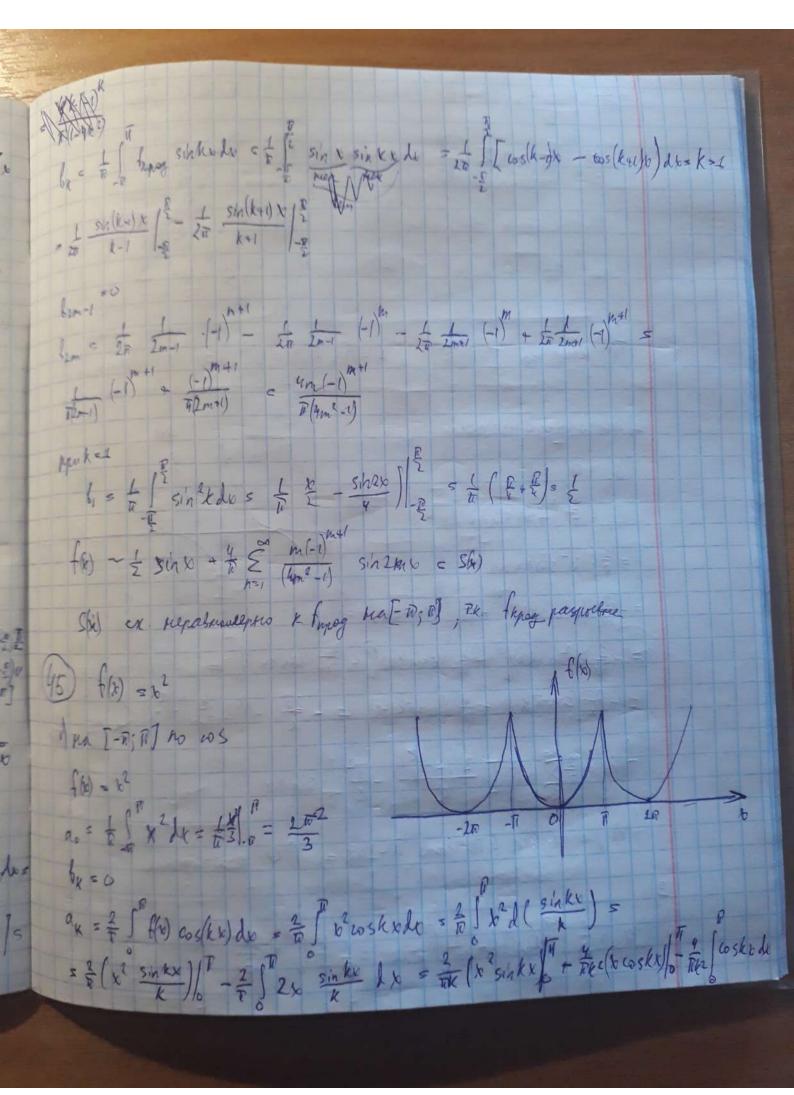


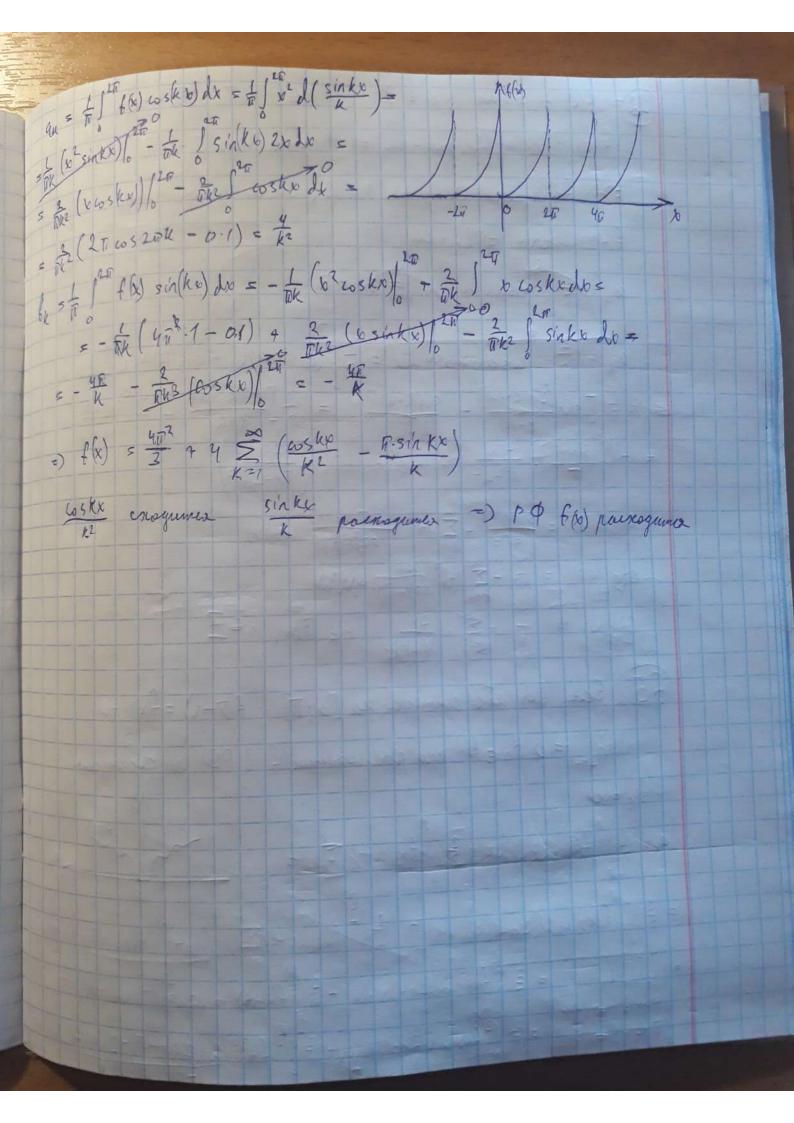
les to sinke do = to sinke de = - to sinke de  $= -\frac{1}{rk} \left( \log kx \right) \left| l \right| + \frac{1}{tk} \int_{0}^{t} \cosh k \, dx = -\frac{(-1)^k}{k}$  $\Phi(k) = \frac{\pi}{4} + \sum_{k=1}^{\infty} \left[ (f)^{k} - 1 \right] \frac{\cos kx}{\tan x^{2}} + \frac{-(-1)^{k}}{\kappa} \sin kx \right] =$ = I - E [ (1-(-1)k) coskx + Lik sinkx] No = -Tr P(No) = 4 - 5 (1-(+)) = = = = - = (-2-3-3-3-)= 二年十五(十五十二)二年十十三年 Um me F(x) = f(x0,0) + f(x0+0) = 17+0 = 1 Uz puegnea buggio, umo f(-ti) + f(t) => porgtue conguner. P f(x) = |x| than [-1,1]Neprogrammer chapter and cheptogan  $2\pi$ fremmax =  $\delta_{y} = 0$ f-remsear => bx =0  $a_0 = 1 \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$   $a_0 = \int \int f(x) dx = \int |x| dx = 2 \int x dx = 1$  $-\frac{2}{\sqrt{n}k}\int_{0}^{\infty}\sin(\sqrt{n}kx)dx=(\frac{2}{\sqrt{n}k}-\cos(\sqrt{n}kx))\int_{0}^{\infty}=\frac{2}{\sqrt{n}k}\left((-1)^{k}-1\right)=\frac{-4}{\sqrt{n}}\left((-1)^{k}-1\right)^{2}$ 



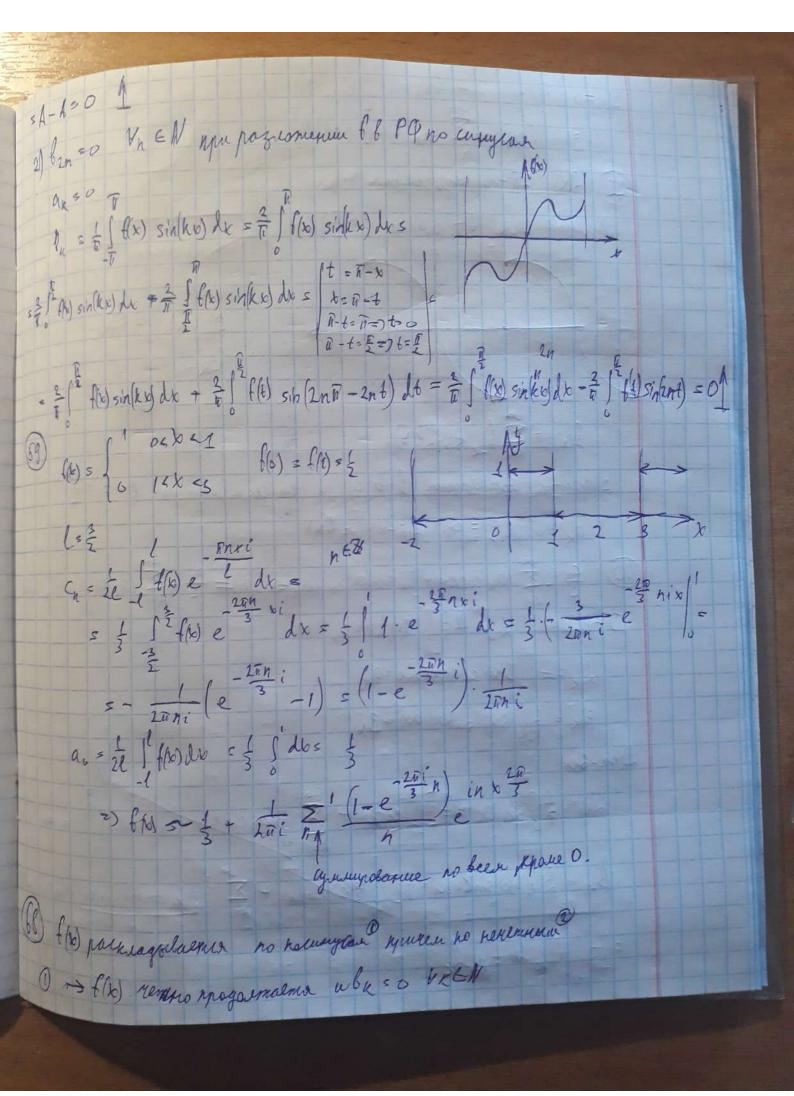


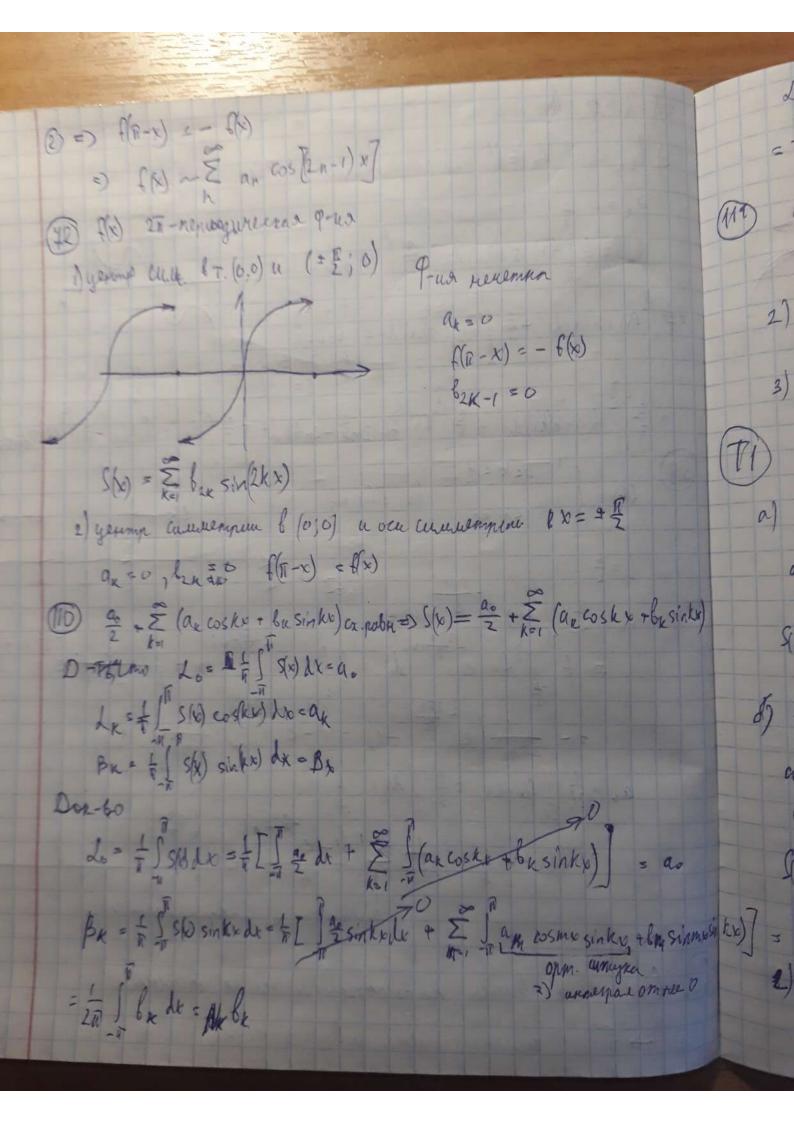


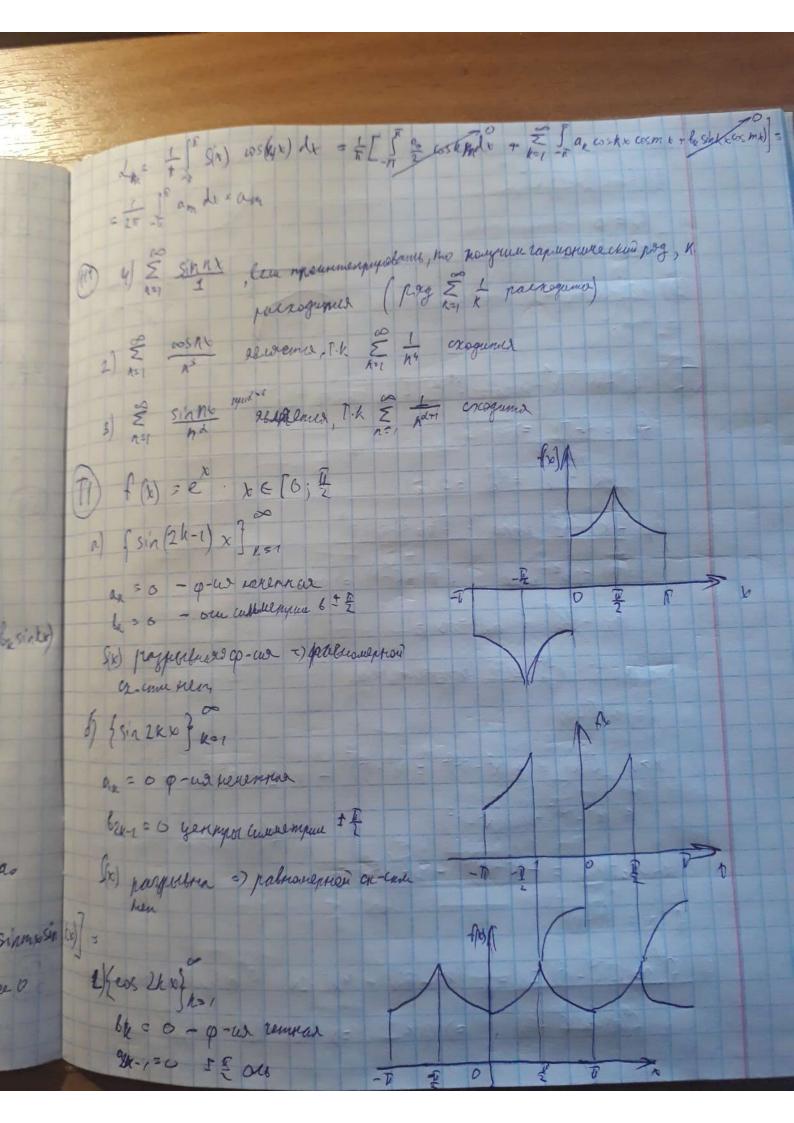
$$= \frac{2}{14} \left( \frac{pt}{pt} \sin \frac{\pi k}{k} - 0 \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - 0 \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - 0 \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - 0 \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - 0 \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} \cos \frac{\pi k}{k} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} - \frac{pt}{pt} \right) + \frac{4}{142} \left( \frac{pt}{$$

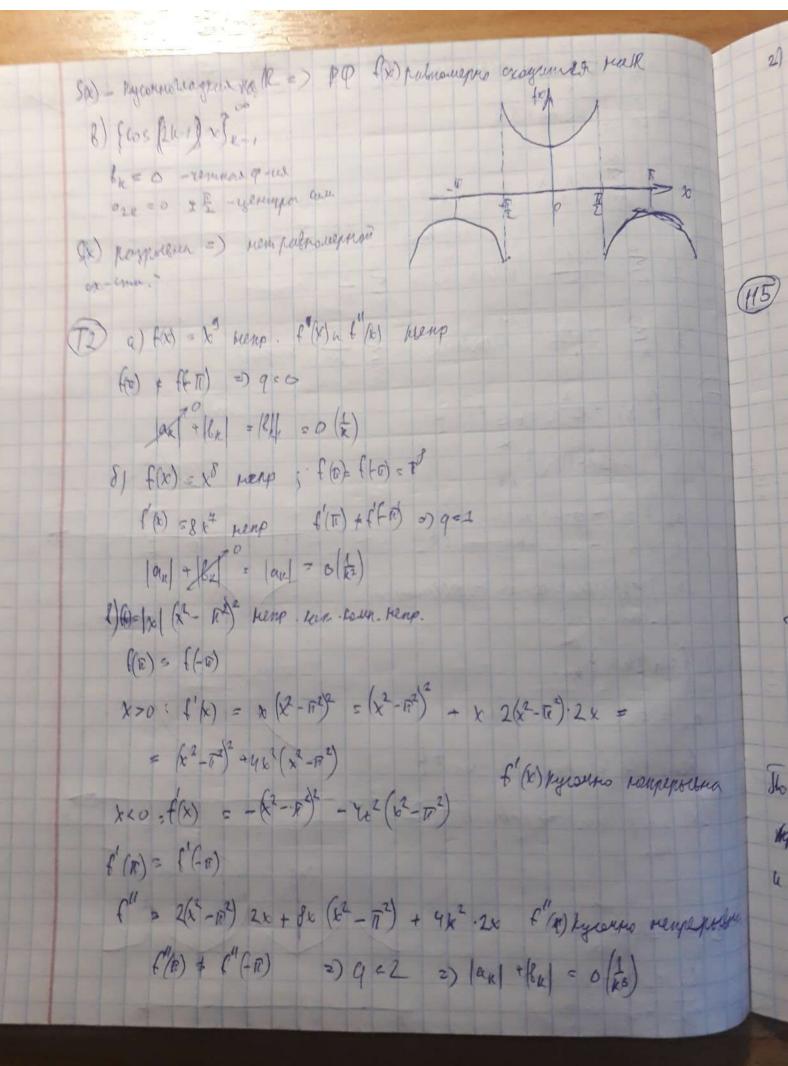


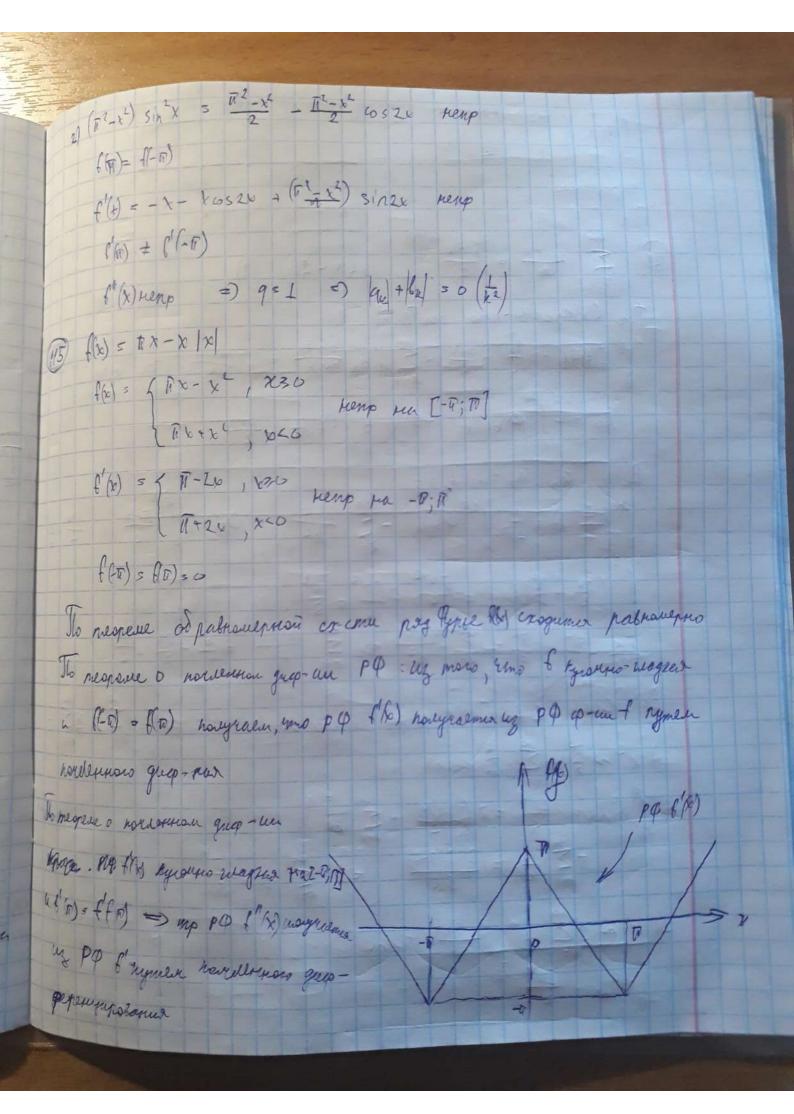
(23) f(x) = cos ax, a & # x \( \int [- \overline{n}; \overline{n}] \) Trongum p. 9 sAf(r) = Mo), f(x) grup-rea => f nenp. kn [-F; F] => (x) xycorno-riagnas na R, eun ce magainement f-remman = br=0 a = 2 5 cosards = 2 sin an - = 三子广 an = = [ wsancoskody = = [ Teos(k-a) x + cos(k-a) x ]dx = =  $\frac{1}{\pi} \left[ t \ln \frac{c \ln(k+\alpha)\pi}{k+\alpha} + \frac{c \ln(k-\alpha)\pi}{k+\alpha} \right]^{\alpha} = \frac{1}{\pi} \left[ \frac{t \ln s \ln \alpha\pi}{k+\alpha} - \frac{(-t \ln s \ln \alpha\pi)}{k+\alpha} \right]^{\alpha}$ (59) = (-1) sinai - 2a 12-a2 5 (-1) sinai (-2at 12-a2 5 (-1) sinai (12-4a)2) (05(ax) = sinlar) = = (-1) 2ati sinlat) (05kx) ofg (ati) = it + 2 (th) (ar) (tros god (AA) (6g(x) = t + 20 20 x+ FM, n=Z (65) Een f(x) are unnerp. Na [0; TT]; f(T-x) = f(x), TO 1) azn-1 = 0 Yn EN ynu pazromenuu f & PP no Kouseyran an= f f ( brosky) dx = f ( brosky de = = = = 5 F(k) ws((2n-1)x) le = = = (2 f(x) cos (2q-1)x de + f f(x) wshangx) de = = |t = R - x|= |t = R - x| |t = R - x| |R - t = R - x| (68)

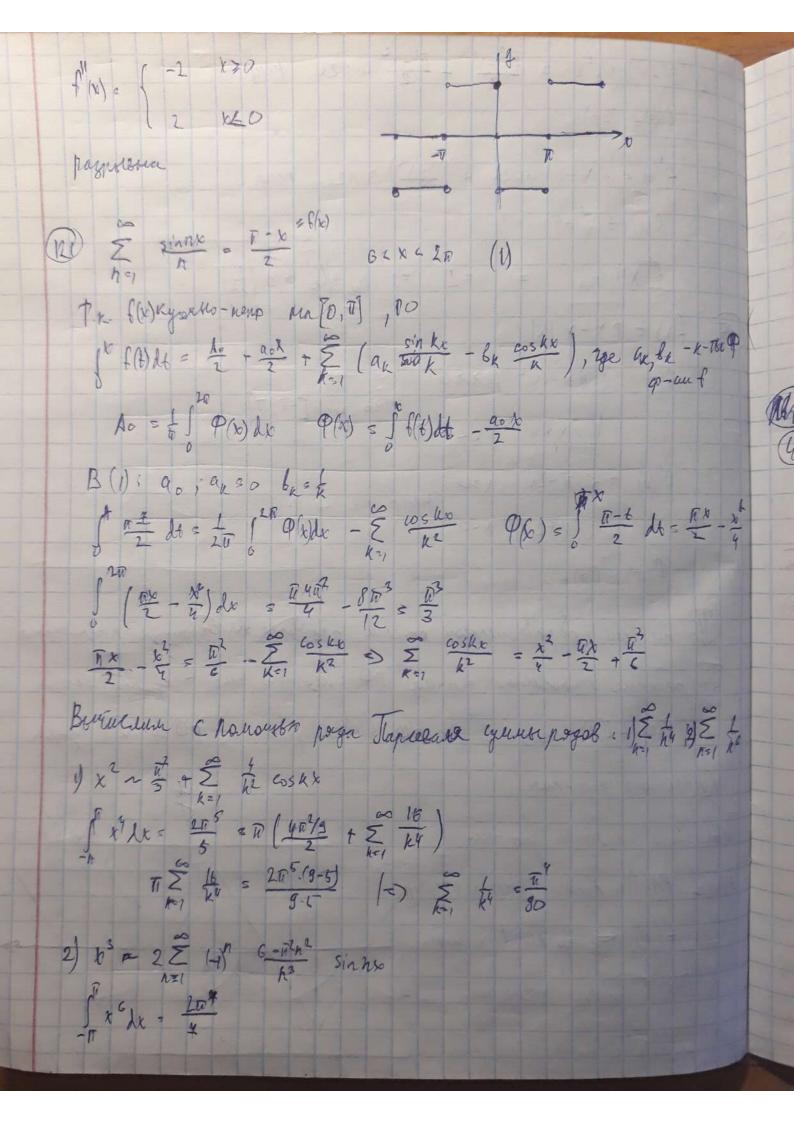




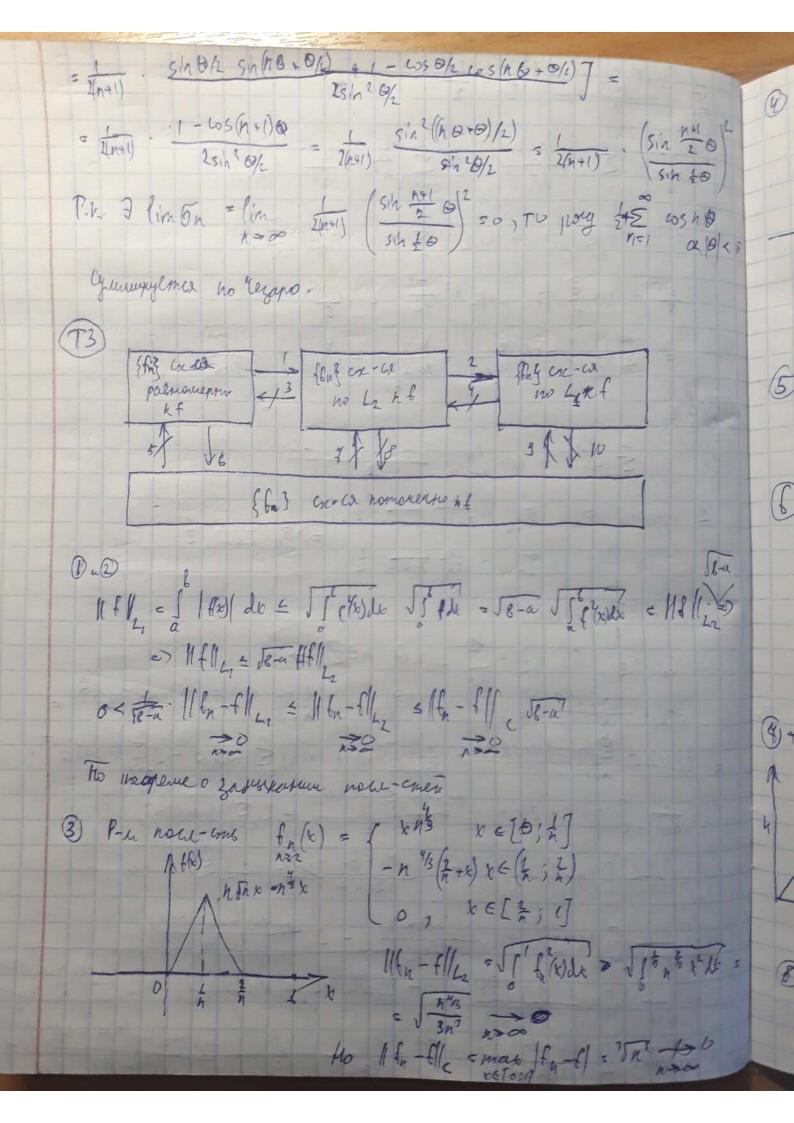








2 (2(-y (c-12n2))2 + = 2q+ 21 = 2 4 (6-(11 m)) = 4 = (36 ne - 12 m + 12) = 5 36.4 E 16 + 4.12 12 E 14 T 4 12 E 12 20 = 144 & ho +4/2 12 40 + 4122 =) \( \frac{1}{2} \) \( \frac{1} \) \( \frac{1}{2} \) \( \frac{1}{2} \) \( \frac{1}{ 1) \( \frac{5}{4}\) \( \frac{1}{5} \) \( \frac{1 52k = = 2k ks = = e) { Z cosho So of Sh of A E Losko NEZ 1 67 = 507-15m = \$ 2 (\$ 90656) + + (\$ + 650 + 60526 + - 60526) = = (n+1-k)cosko = (n+1-k)cosko = 2(n+1) [(n+1) + (n+1) = cosko - 2 = h wsko] = = 1/nn) [(n+1) + 2(n+1) - 25in 9/2 k= 1 cosko - 2 \(\frac{\xi}{k-1}\) (sin k \(\theta\) \(\frac{\xi}{k-1}\) (sin k \(\theta\) \(\frac{\xi}{k-1}\) = 2/n+1) [(n+1) + x(n+1) + x(n+1) + sin (2/2 + (2/4) - 5/2/2 - 2 \( \) (sin (0) ) ] = = 2(n+1) [ (M+1) 1/2 (n+1) - sin (n10 + 9/2) - 2 605 0/2 - tos (0 + 2/2) ] = 2 sin 0/2 I sin 0/2 - sin 0/2 - sin 0/2 ( sin 0/2) ( sin 0/2) ( sin 0/2) 



 $\frac{f_{h}(b)}{h=2} = \begin{cases} kh^{\frac{h}{2}} & b \in [0; \frac{1}{k}] \\ -h^{\frac{h}{2}} & \frac{1}{2} \end{cases}$   $(0) \quad k \in [\frac{h}{2}; \frac{1}{2}]$ 3 4 policystanellas cons 16n-fll, = 11fn-oll = 51 flwds ho 16 - 6/ 5 11 fn - 0/2 = 55 fn / b) de = 5 fn / b) de = \* Jagide 5 1 1/4 - 1 # + 0 5 4 hole-loss: by (6) = xh the [0; 1) eggs nomoreases k f(x) = (1 x < 1) но поси-им непр. со-ий не ионет схедиться равимирнок разрывной О-и I frank to how seem to fa, of the of the the of see some movement exogenous In 2 f how how all # 400 J N: In > N & 6 [0,6] | 6h - 6x | 5 & 6 to per patrious or come remains & clas N = homoserner -4.Ce. Patrough top patrious patrious -4.Ce. Patrough top patrious patrious -4.Ce. Patrough top En ( 2) - 0 H x + 0 fn - 0 no for flifa- 61/2, = 5 16/0/2/2 = 1 +0 11 fn - fll = 5 5 fn (k) de 3 5 fn n' x de 1 5  $= \sqrt{h^4 \cdot \frac{1}{3h^3}} = \sqrt{\frac{h^4}{3}} + \sqrt{\frac{h^4}{3}} = \sqrt{\frac{h^4}{3$ 11 - fl - 50 16, the > 0 = 0 to 8 TO 600/1300

W-48 92) Horomparento (Ta, B) enempuroù g(v, y) = max (\*(k) f(x)) | v, y e (Fa, r) Thyung nou-im q-un apytigament with it. \$ 19 YGOODN: YnaN YnaN +> g (kn; km) < & (116) 4 & > 0 3 N: 4 n = N + m = N + max ( & (t) - (n(t)) < & =) Th 48,03 N +n ≥N +m > N +> |kn(t) - yn(t)| < 4 => To kpum. Koure Pyring. none. Vn(b) ca-ca palmonepro na [a, B] n Vn(b). Thomany Mb) & Class (94) Kommunico : Ikl = 90 + 5 ak oska, + ak | = k2 h(k) = 90 + 5 ah oska - menp- gup- op- wa => 44>0 7ho=no(4) Inzho + 66 (4,6) (Fn+p(6)- kn/x) < E ho = [4]71 III.4. It y = let me abre teap grap-hoù q-veu, a cogney, noble sharemen to hogrp-bs he she - w housemen, T.K. Get con the teles a henepung power Ty fan gn=0 norma b np-ce: The 20 Th Behepurppacea 4 9 > 0 3 Pn(x) = 60 +\_\_ + Cn xh = max | f(x) - Pn(x) < 80 hyun mak max f(x) - Ph/x) = 1860 - Ph(x) 1 54,67 3) { + 13 n=0 works 1943

0 2 = a [ | f| dx 5 5 [ 6 t dx 5 max | f| 56 - 10 , TO BAPE T.L. {xh}n=v house CL, [a, e] u l CL, [a, e] (16) 1) a) gan knowsbulston op- un f rea [-10, 11]: f(-10) = f(10) longer und, Pe Bilpumpacca: + & > J Tim: +xER > (+ (x) -Tm(x)) < Ep, T.e Men 18(x) - Tm(x) 1 < E , ye 18(x) - Tm(x) 11 e may 18(x) - tm(x) 1 T.C. cuembra nousea · S) f= sih x Max Isin x & ax coskul > |sin o - = ax cos of = & ax 2) mogarpure q-un uz c (IO; E]) were no open-o E to [E; T] a house hospinen receperous organia na [-10; 0] Edwarfflute got- Brue Th Benepumparen Francassin bruansian chang ch-un ((10-x) = (1x) u f(2) = f(x) 1-7 Pype y smai romanoù an = 0 8 n EN, by = 0 8 k EN =) 9 years y by more retember uproduction Myur reproduction of Sin x, shorx. - ) Cuemena & sink, singx. - 3 nouna & C ([ 0] ]) (15) { x, x3 - x2x+1 ? a) e(22;3]) Moneye kepp . Moganiums & yo herenton Pour go gas k. PP cx-compa 3 mot & proflomence porter yestermans Sygen madro sinhe, k. nomes cout grages magazine

approximent (merent cm. x 2) hours 8) c ([c; 3]) q-un, y K. (b) + v kertszir mogorokums Merenne. odpozom - ospazumo pagners. The mossey remercin objection brazionerum nache wasks 4 remuse impresen 60 pl northa. To sin (210) gno, & up be: a) C[0; 2] J Cuembera house . 4 [ E [ [ 0 ; ] ] \ \( \forall \) = 0 ] \ \( \text{Th} \) = \( \text{In} \) \( \text{Log} \) \( \text{Th} \) = \( \text{Log} \) \( \text{Th} \) \( \text{Log} \) \( 8) Dogregorium f(x) en [-10] 10] 44 > 0 3 Th = G, [g]: 11g - 7, 11 < 8 4 = >0 = Th = 5 n [4] 11 f - Tull < & ef \$16] => ( culmbra house 1) Th to) = the) = 0, no nomen magainement 9-40 Herema. ografam 2) no The B rain your paga Pesepa Company up sin =) 44 20 7 h = 5n Eg] : 11g - Tn11 44 44 >0 ] Th = 5/9]: 116 - Th 11 5 E = ) Cuentua nauna CETO; []