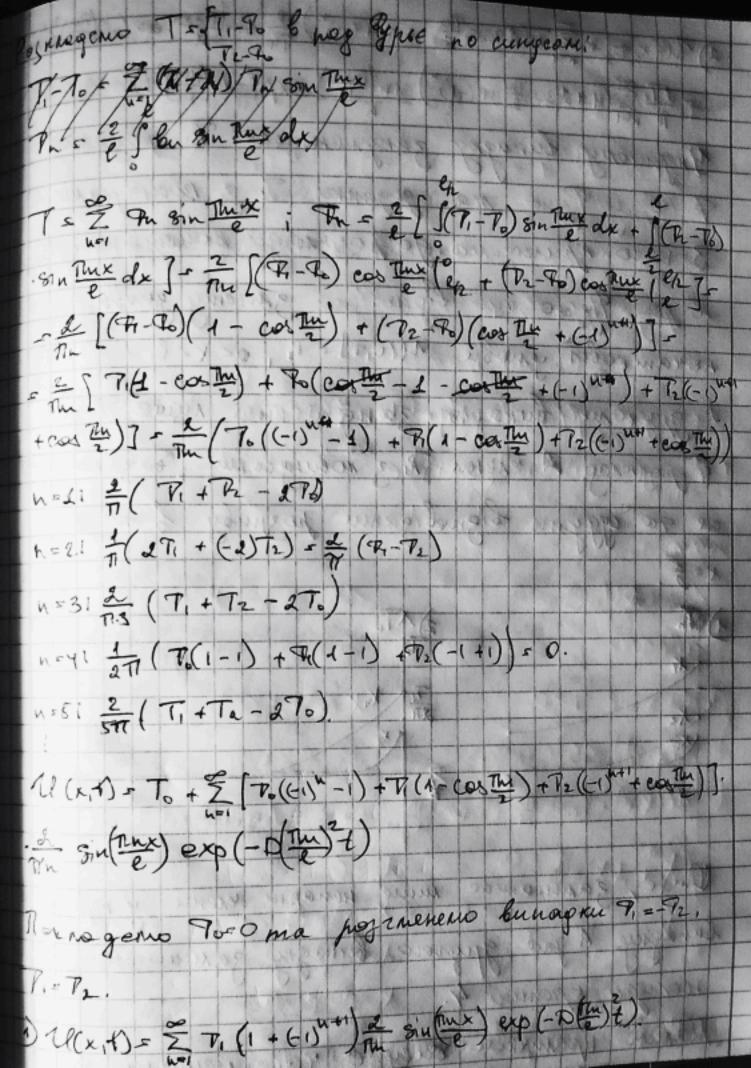
11.022 Домашка робото 54.2 Un-Duly acx El, \$70. UB) = U(R) = T. U-ST, OSSESSE DE XCE; 10= 2/(x, 1) x(x). 1(x). 100. -149- PX(WTCD.)

1/X AXXXX Mugase no possiezax 6 agrug /x/2/40 1(0,0) = U(x,0)+7 -1 - K(n) P(0) + 40 Pay diebideny zagary Iz nexobux ynob? ( M(O,+) - X (0) P(1) + Vo 5 Ro => X(0) =0) ( relet) = x(e) 7(8) + Vos Q = 1 x(e)=0; \$ 5 5 -1 - 1 - cones Pay- l'exemo zagare Mengyme - Ryingbines Postexem mining promental bignoeno Ti T'+ \$17=0. THE GERANT GERENT The state Track) of Cu sin (That ) exp(- D(Th) 2). 12(x,+)= \(\frac{7}{4}\) + \(\frac{7}{6}\) + \(\frac{7}{6}\) + \(\frac{7}{6}\) (\frac{1}{6}\) \(\frac{1}{6}\) Is noveanikobex ymob: 1 76+2 Cu sin( e) = Vi, or x 6 2, 1 To # Z Cu sin ( Mux) = T2, 2 cxcl.



- 2T = (1+2colt +(-1)) sinte exp(-D(The)2+). Inguiony bunagery zanymeromine to, poznaco То вред Руме ма доданки Г з косинусами З госо приходимо до роз кладу констении д of pag Pypos , 40 bigueligas znieny yaroba novamerober gnobe Moits Fr., ocxel B gry rong buraging zang resimed muce To ra ст розклар. А члени Та з поещенский бызаниная er que Eggyme bignoligame poznety to gouyi 1)12 Tr. K. Отке, замианьие мине непары члени у нериному benague A que guyroro bunague zamenamore mue конеди краний 4. Мание проможен васу с час менить часу

enox court to ex 7 = e2 a beminent ас эким дне экого неможно спористении запин Smikenou. Ocebuguo, mo xaparemepuis reacu zanekama big ornigit avenuence Bagranivenno zarekniamo tak. (1) 1/2 1/3/18/2 Manl(kd). Uny ne c me post lezok blugii 18 (x 18) - TU(x, 1) + F F X(x) T(0) +9, 0 < x se, +>0 T 2 (10) W Is mendous ymob: Ux(l,1)=0, 1 X(0) = 0; X(l) = 0. Ulugaro Agistiane! U(x,め) - T2+To 8in 15 Postexemo zagares X + 4x50, [ tu = (20 (and)), n = 0,1,2.  $\chi'(\mathcal{C})_{50}$  =  $\chi'(\mathcal{C})_{$ T + 10T=0 = = 7(4) = C exp (-17(1) (244)24). roseanerobus yrob. U(x,0) = T, + \( Cusin(\frac{1}{2}(\frac{1}{2}(\frac{1}{2})) = Te + To sin \frac{7}{2}e Posknagemo Vote-9, 6 mes Pyrose.

T= ETTU Sou Te (remot) Th = 3 5 (72 77) sin(2 (24+1)) dx = 2(82-97) con 1/2 5 4(72-73) (1 6- cos T((n+2)) 5 4 (72-91) 1 T(Qu+1) Z Ch gin The (end) - (Po + # (Px-91) sin The + 2 # (Ph-91) => / Co = To + # (Th - Fr), Las 特(如 中), neN; Omke, 18(1,1)- 171 (To +# (To-Ti)) sinte et 1) bt + # 5 (7, -9) sin( [ (2m)) e ( (2m) 200) 24.4 11(x,4) = X(x)-T(4). My 5 Dilx Is mexolus ymoli Usu(xH). 0 < x < 2, +>0. X (6) = X (2) = 0. 12x(9)=Nx(2,1)=0. Post lexeno zongary Um U(XID) - Teos The + Tecos 27h pma-daight me: JX+XX=0 Y0-0 Xo(x)5 G = 1 X'(0)=X'(l)=0 Yn 2 (Ju) , WEN Knows cos (The ) ( n = 11 Post'exeno pilmenine gal T(8)1

Personation Omge: " - 011. - Che Great - Ca (16 6 - 10) by W(x, b) = X Tu = ESA (cost mux) Co + Z Cu cost mux) et M(x, 0) = Co + Z Choos The = Picos Tx Tacos 27/2. per nagono Co to tologram no nargy to staying Co = Se S Co con The (run) de (run) Con = 200 con Tix (cum) dx = 200 (cut) 0 = 400 (cut) Co = 4 C = (-1) 200 7 x (em+1) При равымочи когоручений при однакових косинусах опримиремо: Co = 4 7/1 ; Ce - Pe ; Cn = 0, ge n + 0,2. 11(x, t) = Tit cos IIx + Te and 211x 35 4 3 8 Sus 184 = DORX+BU 1370, D>0

U-WCK- XCHTCK) The stilles + pu TX - DTX + BTX 1. DTX DV = X + & => T = + 5 = X - 1 - const. (x'(e) = x'(l) =0; | 10=0, Kdx C=1. Kns cos (This ine N Pogliexeno pilmenne que TOO: T' & BT + ADT 50. T'+(+118)T=0. T(6) = Ce(B+16) + - = Th(1) = Che+ At - (1/2) tot 18(2, 1) = = Cacos (This) exp (-(5) + (7/4)2 D)1) + Co Harras, Porobuir brecox le zpocumenne k-81 rach hor poteme exp om xe, ymolow metaperenous zpocumenne Tyge: - (10-B) £>0. 10-B<0=> 1< => Ru < 13 => l> Thy B 8) u(o,t)=u(l,t)=0. ) X + 1 K=0, K(oit) = X(let) =0; => She s(the)? , weN

T+ (10-13) \$ =0 TO sce (10-10) -> Th(1)-cexp (-((12)20-15)+), neN (1(xx) = \(\frac{1}{2} \times (x) \times (Bt - (\frac{11}{2})^2 \tat) Anowrieno: ( 2 > Mm/D) 6) U(o,+)=0; Ux(lit)=0. [X"+1X 50, X + X = 0, X = 0,1,2... X = 0,1,2...x'(et)=0. T+(10-B) T=0=> T(1) = Gexp(B+-DH) Th(1) = a exp(Bt - 1/2 (2004) t), n = 0,1,2. U(x 1) = Z X(b) T(1) 5 & a sin( (2 (24+1)) exp(Bt -(e) (n+1)2+b+). Ananoview: Bt - (T) h += 12 bt >0 B>(T)2(n+2)b => T(n+2) < B => (e> T(n+2) /B