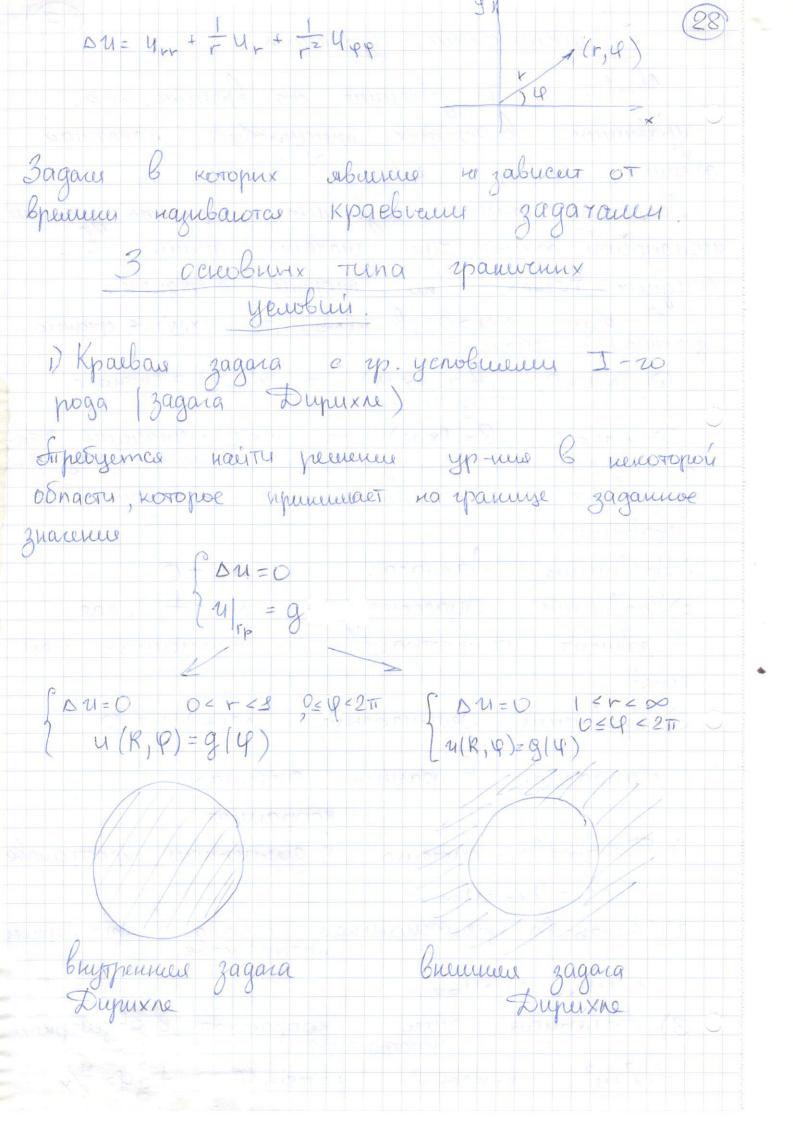
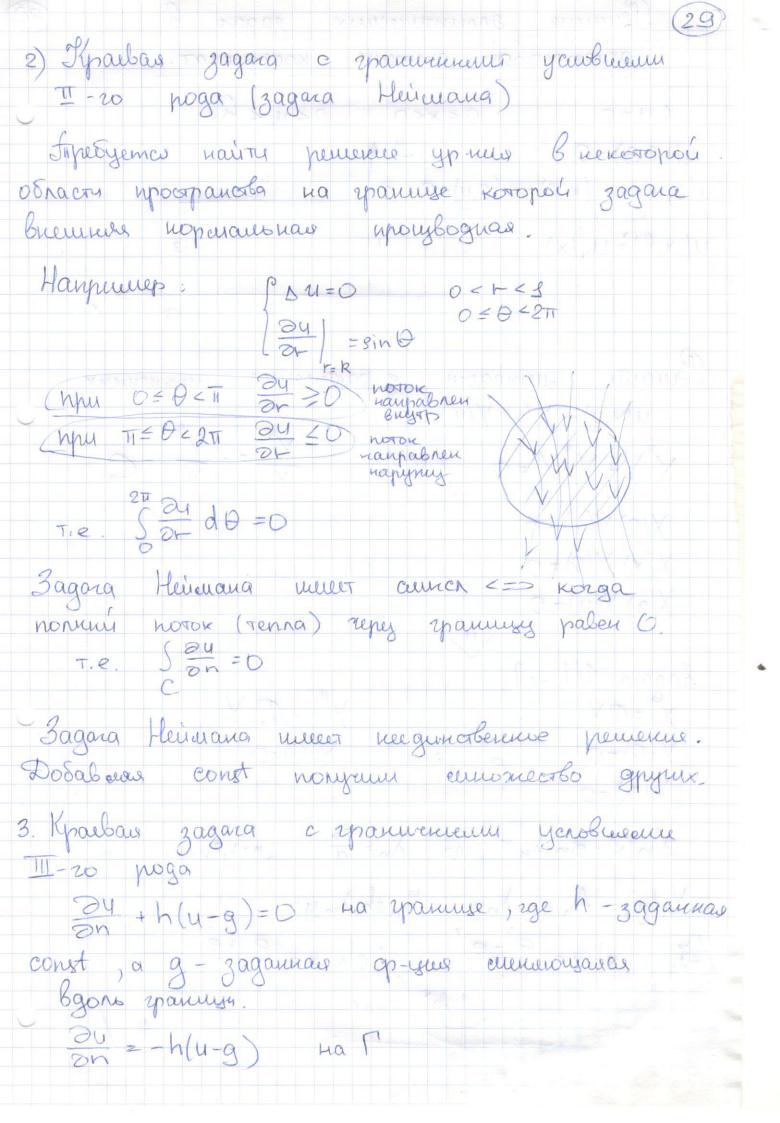
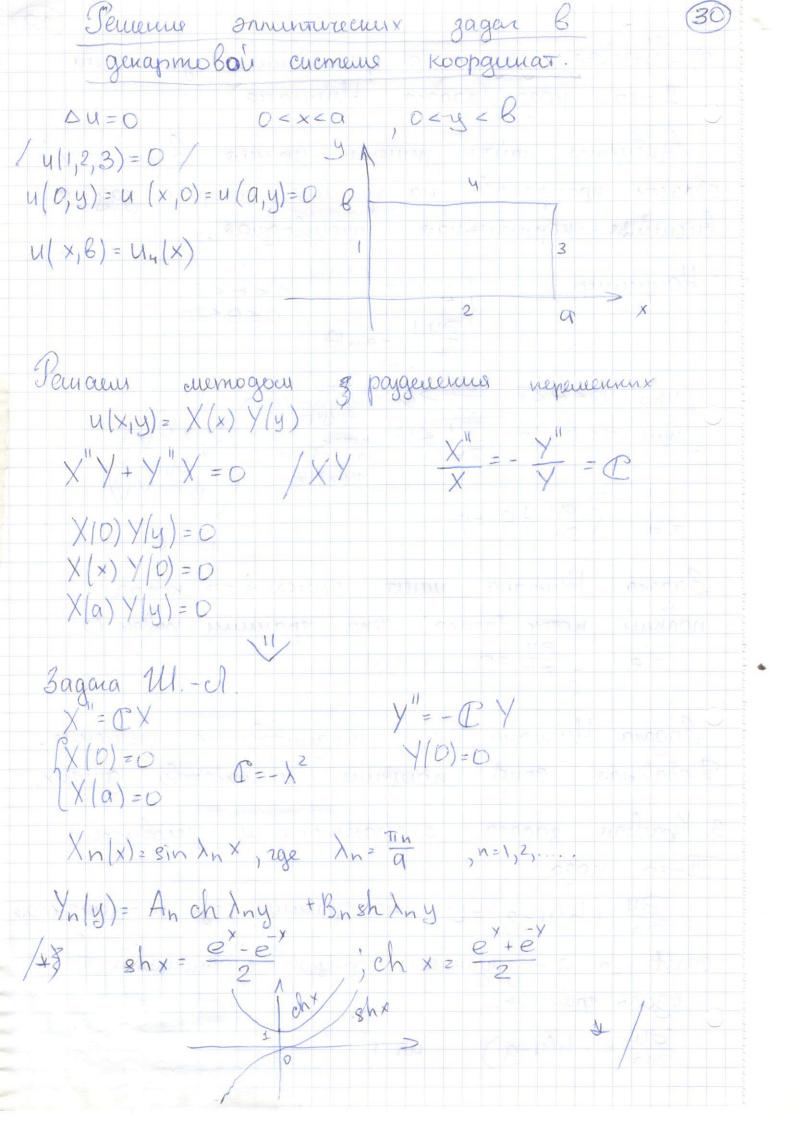
-(27)	
Deminnence enne ypabrences (27)	
Malica de calucania por Chance ma	
Trabuencie la galucienque our l'heurence, m. e. ypaluencie l'ecomopux apricymentées d'annocian	
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grynn (nymmer D11=0)	
Samacuau grynn nozbodulem oyemens znarene	le
ucaugyemoù gryun repez znarenno gryun 6	
coeegueix Tornax no meopeure o cpequeue:	
Decreu DU>0, BT. (x,y), TO U(x,y) < crequero gnavereur Beregnux T.	
2 Du < 0, B7. (x, s) 70 u(x, y) > creguero zuareneux 6 cocegnus 7.	
zuareneux 6 cocegnius 7.	
3) su=0, GT.(X,Y), TO U(X,Y) = epequeury quar	· l -
Cycuectoyen 3 ochobinex runa onnuntucecnoù	
ypabuenus.	
1) Grabuerus clamaca: DU=0	
2) Spabneme tyaccona: DU=+, zge	
f zabucier or npocipanciberrux repensionex un	
const	
3) Ypabuence Tensouronoga Du+ lu = 0	
clanuacuau 6 pazienx cucremax	
координат.	0
і) Декартова систеша в двушерном простана	Re
$\Delta U = U \times \times + U y y$	
2) Декартова принирую сибная система в трехиери	DM
DU=Uxx+Uyy+Uzz	
3) Fromprious encrema roopgeman B gbyenepuo	щ
$r=x+y^2$ $x=r\cos \varphi$ $y=r\sin \varphi$ $tg \varphi = \frac{y}{x}$	







```
10) = An+0=0 => An=0
 Ynly)= Bash (Any)
 u(x,y) = 5 Bush (dny) sin(dnx)
 u(x,b)= = Bn sh(\lamb) sin (\lamb)=44(x)-1
     Bn= 2 Sun(x) sin haxdx
  Thump :
   △u=0
                0 < x < 8 0 < y < 2
  4 (0,4)=4
              Uy(x,0)=0
  44(x,2)=0
              4 (1,4)=2
Temaem enemogoen
pagamerene nepermennix
  u = X(x) Y(y) X''Y + Y''X = 0

X(0) Y(y) = 4 X(x) Y'(0) = 0
  X(x) Y'(2) = 0 X(1) Y(y) = 2
  V_n = -\lambda_n V_n
                   3agara UI-el.
  Yn (0) = 0
                    Yn(y) = cos lny, lu= 2
  Y'_{n}(2) = 0
                                 n=0,1,2,...
Gemann X' = \2 Xn
  npu n=0 Xo=0 Xo(x)=Aox+Bo
nou n + 0 Xn(x) = Ansh Anx + Bnch Anx
U(x,y) = Aox+Bo + = (Ansh Anx + Bnch Anx) cos Any
```