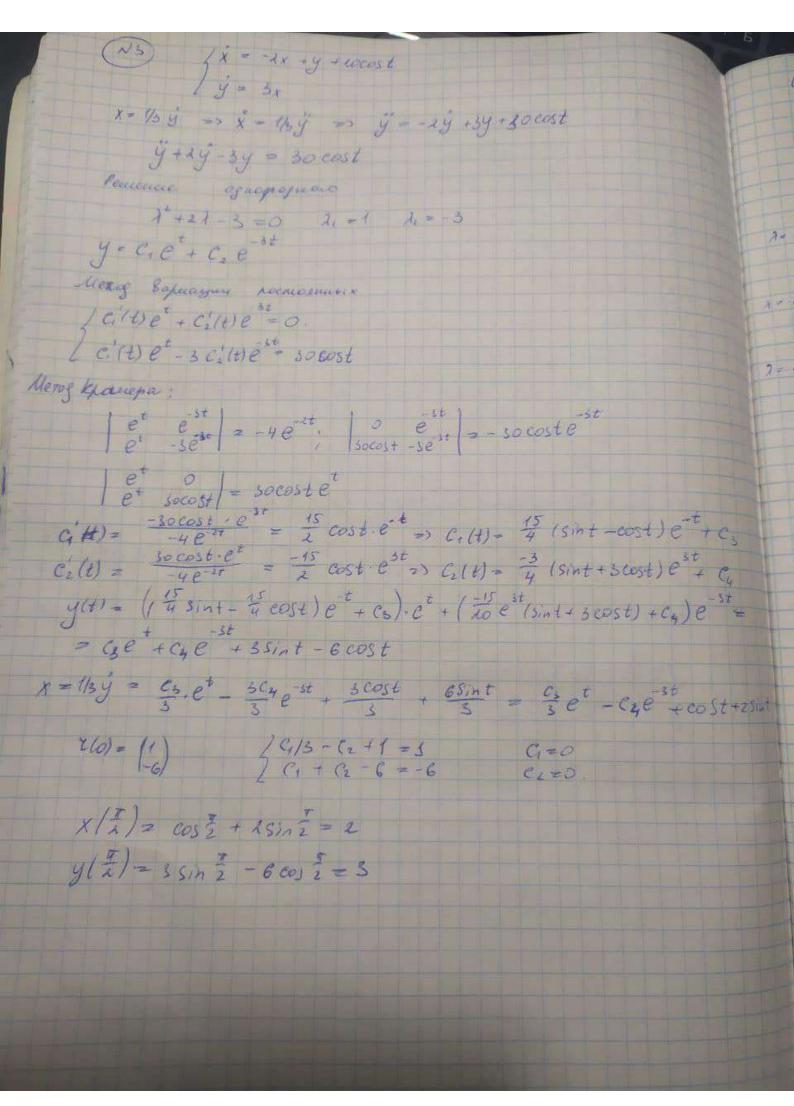
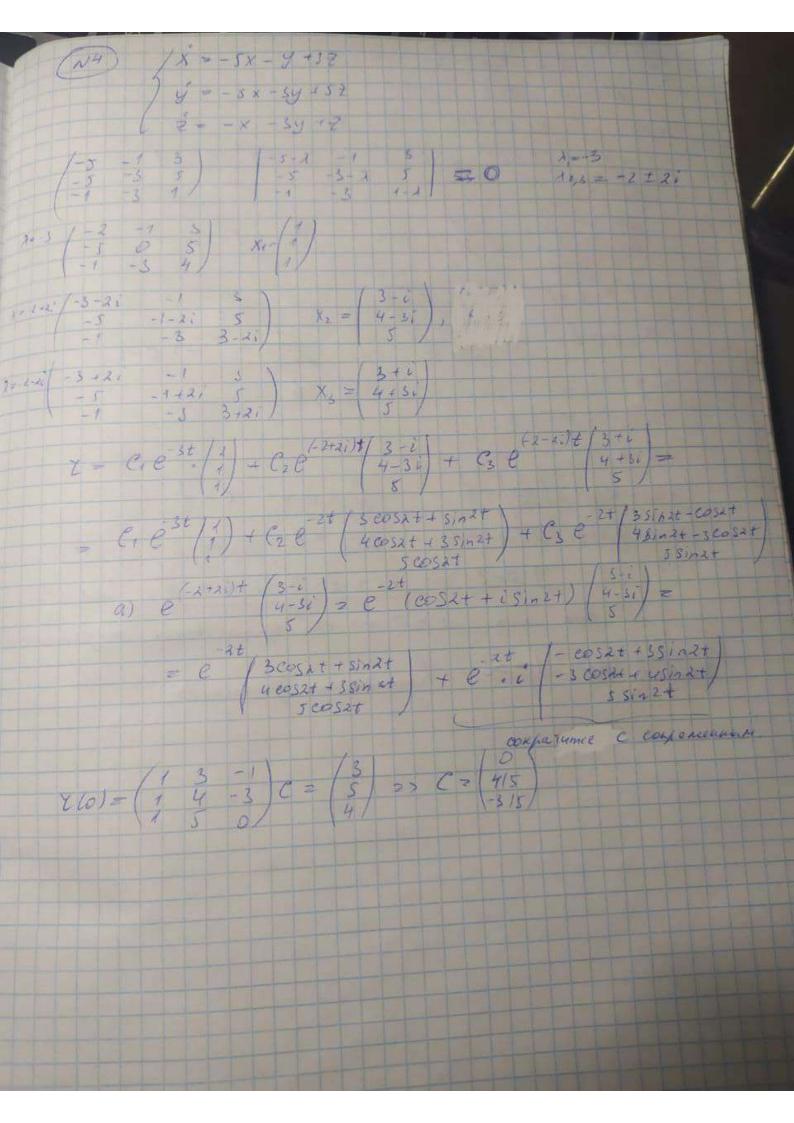
KAPACEKA M 3255 (N1) y" + 4y = 1/5 max y-e" y-10" y-10" Х е 4 е = 0 (решение приородионо у чу -0) 1-4=0 2,=21 d1=-21 y = C. C + C. C (gre oprepognoso) Mening Squeayun Acraw unou y = c(x) = 2 c'(x) = 2 c'(y'- 210:1x) e" + 40.1x) e - 210:1x)e - 402 e 2101(x). e - 4 G(x). e - 21 Ca(x)e - 4 Ca(x)e + 4 Ca(x)e + 4 Ca(x)e - Sina Li Ci(x) . e - 2 i Ci(x) . e = 1/sin2x 4: C'(x). e - 2: C'(x)e - L'(x)(x). e = Sinzx $C_1'(x) = 4i \cdot e^{4ix} \cdot \sin 2x$ $C_1' = -i^* (\cos(2x) - i\sin(2x))$ $C_1 = -i^* (\cos(2x) - i\sin(2x))$ $C_1 = -i^* (\cos(2x) - i\sin(2x))$ $C_2 = -i^* (\cos(2x) - i\sin(2x))$ $\lambda_i C_i'(x) \cdot \hat{C} = 2 \sin 2x \Rightarrow -\lambda_i C_i'(x) \cdot \hat{C} = 2 \sin 2x$ $C_2(x) = 4ie^{-ix} \cdot \sin \alpha x$ $C_2 = i(i\sin \alpha x - \cos \alpha x)$ $C_2 = \frac{i \ln |\sin 2x| - ix}{2} + \alpha_2$ y= -iln 1 Sin 2x) - 2x exix + iln 1 Sin 2x1 - 2x - 21x + a1e + a1e + a1e $y(0+) = a_1 + a_2 = 0$ $y(\frac{\pi}{4}) = \frac{\pi}{16} \cdot e^{\frac{\pi}{12}} + \frac{\pi}{16} \cdot e^{-\frac{\pi}{12}} + a_1 e^{\frac{\pi}{12}} + a_2 e^{-\frac{\pi}{12}} = 4$ $y(\frac{\pi}{4}) = (\frac{-\pi}{16} + a_1) - (\frac{-\pi}{16} + a_2) = 4$ $\begin{cases}
 a_1 + a_2 = 0 & a_1 = 2 \\
 a_1 - a_2 = 4 & a_2 = -2
\end{cases}$

(NZ) y"-84+164=64(1-X2) 9001-013 13- 82 162 = 0 44(10) = -4 1=0 x(2,)=1 1=4 Ox(12)=2 Percence opropos 40 - C1 + C2 8 + C3 X 8 y = (ax + 8x + c)x - ax + 8x + ex y = 3 ax + 28 x + C y" = 6 ax +18 y" = 6a 60 - 480x - 168 + 4801 +328x +16C = 64 -64x+ X2 (480, +64) + x (328-489) + 60 - 168 + 16C-64=0 4 = C+ + C2 C + C3 x C + (-4/3 x - 2x + 5/2 x) y(0) = C+ +C2 = 1/3 / C+ C2 = 1/2 1C1=1/3 y'(0) = 40, + 5/2 03 = 5/2 200 1 4C2 + C3 =0 y'(0) = 16 C= + 8C3 - 4 = -4 16C2+8C3=0 1 (520 y=1/3-4/3 x3-2x+5/2 x 4/1) = -1/2 = -0,5





(N5) X = -x3+3x4-3x4+ +3+3 rememme x+t 120 Janeson X - + + + + (+) - x' - 1 + 2' 1-2--(++2)+3(++2)++3(++7)+2++3+1 dz = -23 /dz = Solt = 2 + t + C 232- 1+C 3= V2+40 X=++2= ++ 12++c X=+ 2071 C=1 1x(0)-4(0)1-1/0/08 1 0> 1/0 0> 1/00 0> | x(t) - q(t) = | sat+e | < 8 | sat+e | < 8 => 2++e > 52 J 8= E => 2t + E= > 2t + C > E= a. E mak kak to 20 => one Bepas Besigo => geausents 1 12++ C / ++ 0 acumpmonus yearsirule

 $\begin{cases} x^{2} = x + 5y - 7 \\ y^{2} = -x + 5y - 17 \end{cases}$ (NG) 1 x+3y-2=0 1-x+3y-17-0 => x=-2 y=3 $\frac{1}{3} \frac{\dot{x}}{1} = x_1 - 2 + 3y_1 + 19 - 3$ $\frac{1}{3} \frac{\dot{x}}{2} = -x_1 + 2 + 3y_1 + 15 - 17$ $\frac{1}{3} \frac{\dot{x}}{2} = -x_1 + 2y_2$ $\frac{1}{3} \frac{\dot{x}}{2} = -$ 1172 4 21 70 1, >0 21 negers, yzer