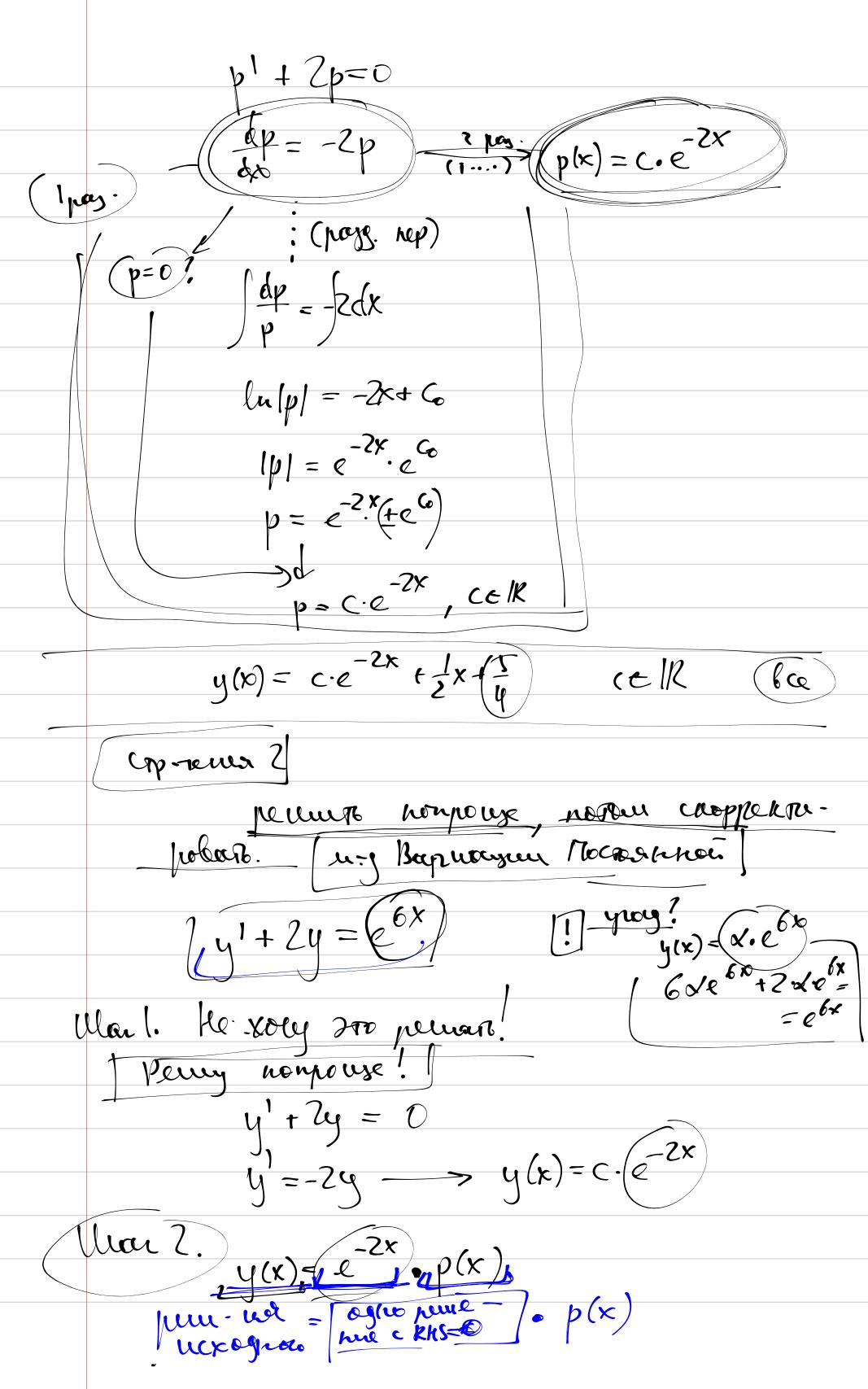
Countrop - 2 &Y & 2022 - 01-25 Bugno? Bæ or? replai veneru (f(y).oly=g(z)oloilerkas (?) zamena Maycard kan coci-76 na Injamen jovarny-rusepynny.  $\frac{y^2 + y^3 \times^2 + \chi^3 y + 3}{L H S(x,y)} = \frac{3L H S}{3\chi}$ pay no b 2y.y + 3y.y.x + y.2x + 3x.y + X.y = 0 L(x) = LHS(x, y(x)) $\frac{dL(x)}{dx} = \frac{\partial LHS}{\partial x} + \frac{\partial LHS}{\partial y} \cdot y'(x)$   $\frac{dL(x)}{dx} = \frac{\partial LHS}{\partial x} + \frac{\partial LHS}{\partial y} \cdot y'(x)$ Causes J

tunolène pernaderenbre cutyku:
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» aggunionas
-> regrorummanibras.
y(x)
Mail. grazaen ogro perneme.
Marz. Croppennepyen ero, roobs nouver
o craces poll.
$\frac{  y(x)   = \sqrt{x+3}}{  y(x)  }$
$y'=\lambda$
$2 + 2(2x + 3) = x + 3$ $100009 \cdot \text{myu} \cdot (245) = x + 3$
x 22 1 22=1
$1 \left  \begin{array}{c c} 1 & 2 & 3 \\ \hline \end{array} \right  \qquad 2 + 2s = 3$
(y(x) = 2x + 3) 2 cono gragalita
Mercy horr horr rena
Mon Z.
$\frac{1}{(u(x) + (x + 5))}$
Chargennoe nonpobna.
$\sqrt{u' + 29 = x + 3}$
(((zx++++++++++++++++++++++++++++++++++
p'(x) +2p = 0 = 38e cb new-c



$$y(x) = p(x) e^{-2x}$$

$$(p(x) \cdot e^{-2x}) + 2 \cdot p(x) \cdot e^{-2x} = e^{-6x}$$

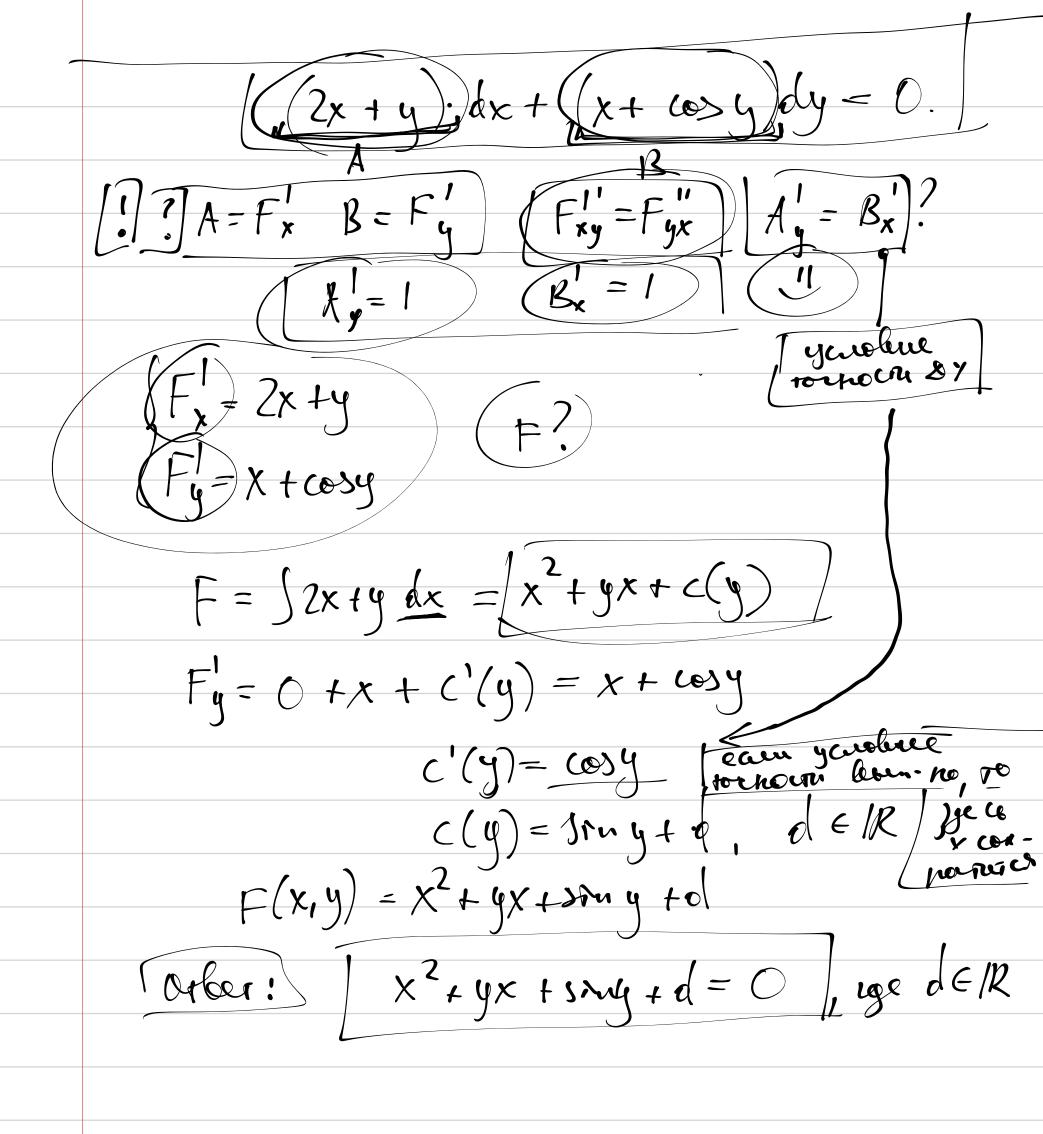
$$p' \cdot e^{-2x} + p \cdot (-2) \cdot e^{-2x} + 2p \cdot e^{-2x} = e^{-6x}$$

$$| f' \cdot e^{-2x} + p \cdot (-2) \cdot e^{-2x} + 2p \cdot e^{-2x} = e^{-6x}$$

$$| f' \cdot e^{-2x} + p \cdot (-2) \cdot e^{-2x} + 2p \cdot e^{-2x} = e^{-6x}$$

$$| f' \cdot e^{-2x} + e^{-6x} + e^{-6x} + e^{-6x} + e^{-6x} + e^{-6x}$$

$$| f' \cdot e^{-2x} + e^{-6x} + e$$



Tecras jamena.

$$\frac{dy}{dx} = h(x,y)$$

$$\frac{dy}{dx} = h(x,y)$$

$$\frac{dy}{dx} = h(x,y)$$

$$\frac{dy}{dx} = x \cdot 2(x)$$

h({x,{y}}= ={2h(x,y)

h ({x, {y}}=

 $= \{ (x, y) \}$ 

$$(y-x)dx + xdy = 0$$

$$dy = (x-y)$$

$$dx = x$$

$$y(x) - x \cdot 2(x)$$

$$y'(x) = x \cdot 2 + 1 \cdot 2$$

$$x \cdot 2 + 2 = x - x^{2}$$

$$x \cdot 2 + 2 = |-2|$$

$$x \cdot 3 + 2 = |-2|$$

 $y' + f(x) \cdot y = g(x) \cdot y'$ yp-ne Bepryssu. m-ja RhS her unterhourn y=0? Cuar 4 - 200 word harb norm mongo-as or mon 5.  $2(x) = \overline{y'(x)} = \overline{y'(x)}$  $z'(x) = y^{-s}(x) \cdot (-y) \cdot y'(x)$  $\frac{2'(x)}{(-4)} + 6 \cdot \xi = x$ 21-242 = (-4x) Mar 1. gragat ogto peueline (mocroe) Marz. nog yvolute æggurebno. Morl  $2(x) = \angle x + \beta$ .  $\angle - 24(\angle x + \beta) = -4x$ Mon?  $\frac{2(x)}{2(x)} = \frac{2(x)}{2(x)}$