

Onp: hbagpathim hashbaeta ype buga 
$$ax^{2}+bx+c=0$$
,  $2ge \cdot a \neq 0$ . (Eam  $a=1, \tau 0$  W. ype - npubegexnoe)

The Eam  $a=1, \tau 0$  is  $a=1, \tau 0$  in the property of  $a=1, \tau 0$  in the property

$$4a^{2}x^{2} + 4abx + 4ac = 0$$

$$4a^{2}x^{2} + 2 \cdot 2ax \cdot b + b^{2} - b^{2} + 4ac = 0$$

$$(2ax + b)^{2} = b^{2} - 4ac$$

$$2ax + b = \pm 1/2 \cdot 4ac = \pm 1/2$$

$$2\alpha \times + \beta = \pm \sqrt{\beta^2 - 4\alpha c} = \pm \sqrt{2}$$

$$X_{1,2} = \frac{-\beta \pm \sqrt{2}}{2\alpha}$$

genur zucn. u znorn.

$$X_{1,2} = -6 \pm \sqrt{9} \quad \sqrt{-\frac{5}{2} \pm \sqrt{\frac{3}{4}}} = -k \pm \sqrt{\frac{3}{4}}$$
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 $X_{1,2} = -2$ 
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Trumes: He maxogo repres  $3x^2 + 8x - 1 = 0$  maigure: 1) Jo M. Buera:  $\begin{cases} X_1 X_2 = -\frac{2}{3} \\ X_1 + X_2 = -\frac{8}{3} \end{cases}$ 2) Заменим, 200: a)  $X_1^2 + X_2^2 = X_1^2 + 2X_1 \times_2 + X_2^2 - 2X_1 \times_2 = (X_1 + X_2)^2 - 2X_1 \times_2 =$  $=\frac{69}{9}+\frac{2}{3}=\frac{70}{9}$  $\int_{0}^{4} x_{1}^{4} + x_{2}^{4} = (x_{1}^{2} + x_{2}^{2})^{2} - 2x_{1}^{2}x_{2}^{2} = \frac{4900}{$1} - \frac{2}{9} = \frac{48$2}{$1}$ Chequibre 1: Ecru 6 op-un  $ax^2 + bx + c = 0, a \neq 0$   $ax + b + c = 0, \tau o \quad x_1 = L; \quad x_2 = \frac{c}{a}$ Cregarbine 2: Ecru & gp-un ax + bx + c=0, a+0 0-b+c=0,  $TO X_1=-1$ ,  $X_1=-\frac{c}{a}$ Trump: 1)23x2+19x-42=0  $2)23x^{2}-27x-50=0$ 

$$\begin{cases} \frac{1}{K_{1}} + \frac{1}{X_{2}} = -q \\ \frac{1}{K_{1}} + \frac{1}{X_{2}} = -q \\ \frac{1}{K_{1}} + \frac{1}{X_{2}} = -p \\ \frac{1}{K_{1}} + \frac{1}{K_{2}} = -p \\ \frac{1}{K_{2}} + \frac{1}{K_{2}} = -p \\ \frac{1}{K_{1}} + \frac{1}{K_{2}} = -p \\ \frac{1}{K_{2}} + \frac{1}{K_{2}} = -$$

Uz (1) u (3): 
$$\rho^{2} = -\rho + 2 = 0$$
  $\rho^{2} = -2$   $\rho = 1$ 

Uz (2) u (4):  $\rho^{2} = -\rho + 1 = \rho q = 0$   $\rho = 1$   $\rho$ 

Orber: 0=-10

15 
$$y_{p-ue} = (a^2-g)x^2 - (2a^2+5a-g)x + a + 3 = 0$$

11  $y_{p-ue} = y_{p-ue} = y_{p-$ 

