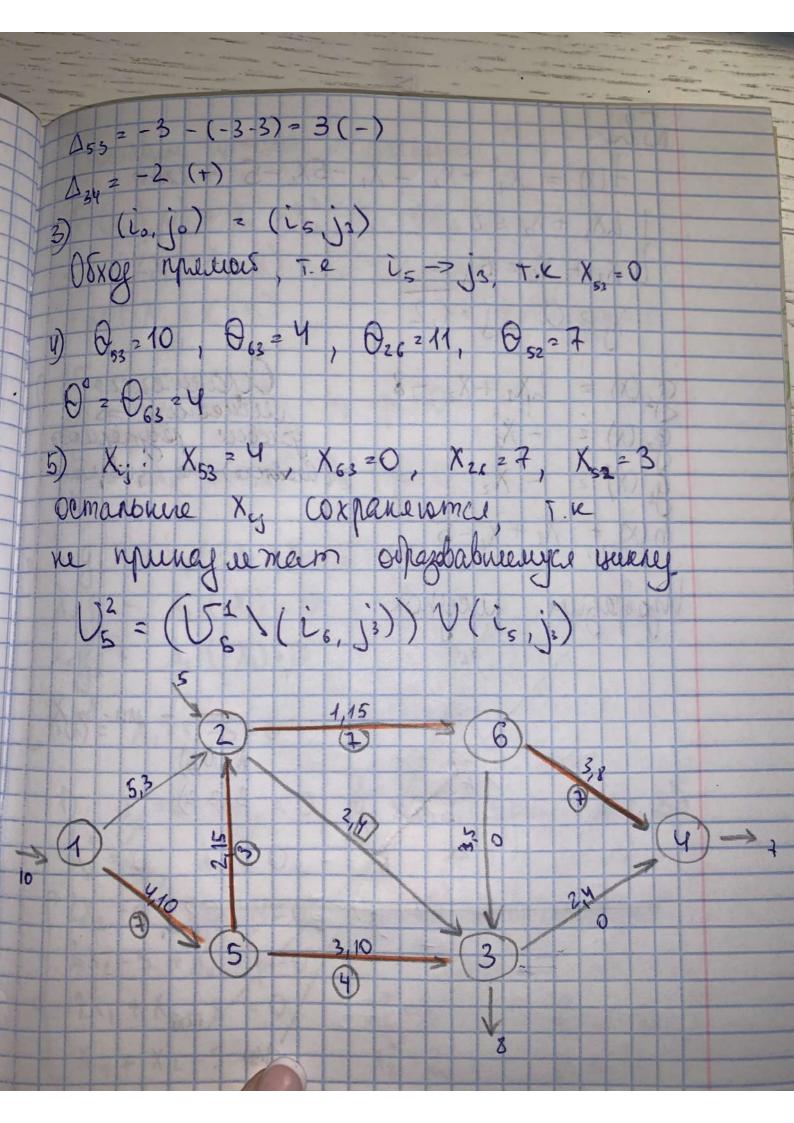
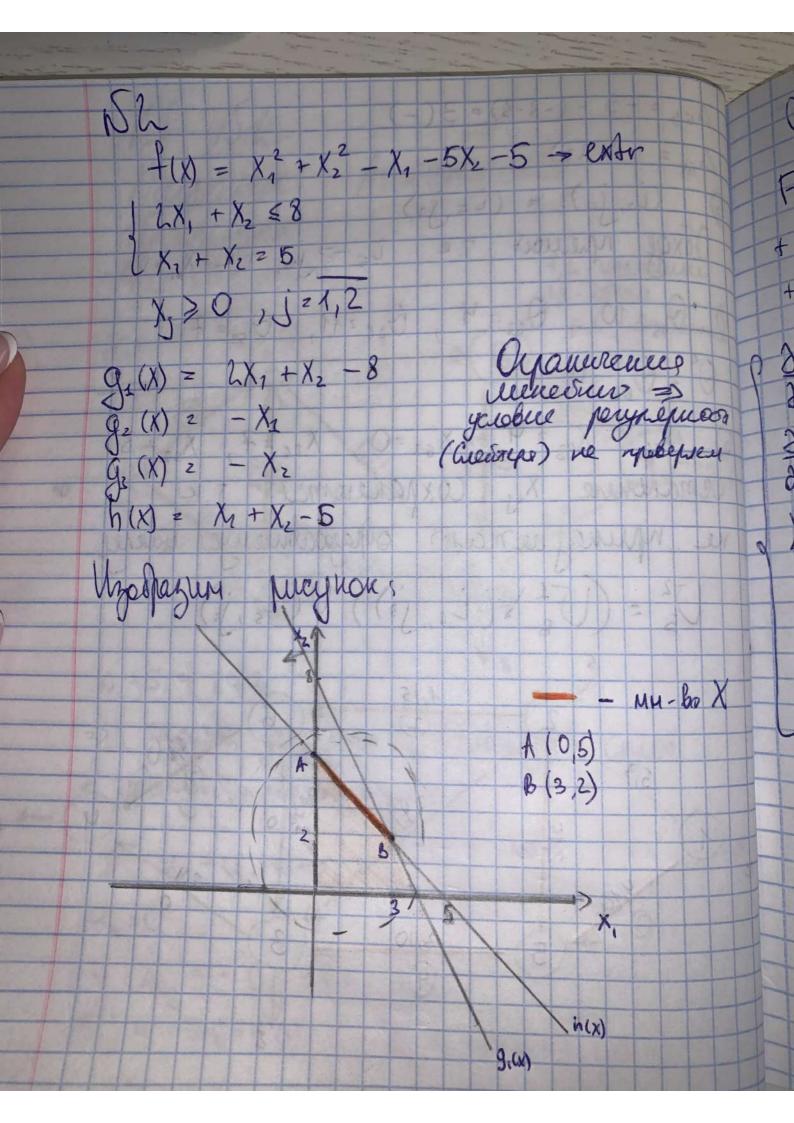
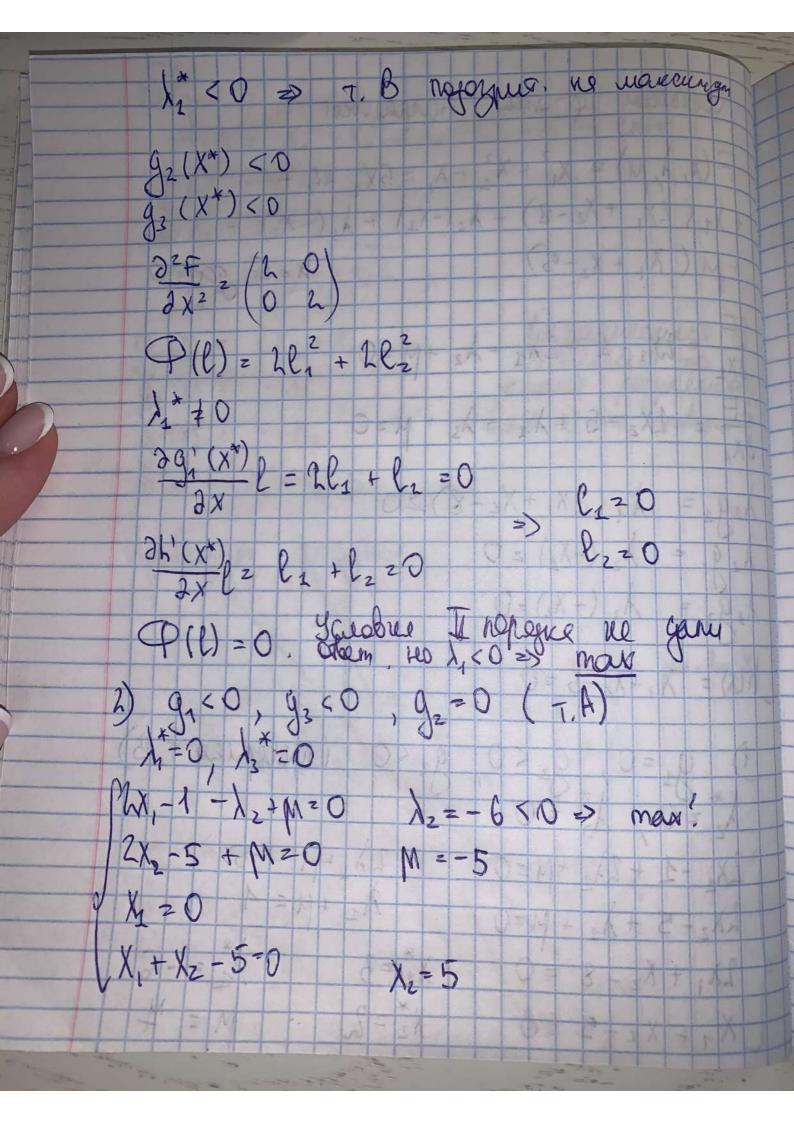
Auacmacella nauxebeve O yyung 43 Capulaum 1,2 - weroremen 34 - Cronu 5,6 - NEWTHENDRY 1,15 10 3,10 10+5=8+7 (colonger Cope => zagweg zakpuma = coboken. pregnamencio U=-U, =-Cc; = -5+6=1(+) D23 = -2+4 = 2 (+)





Coerabum q-seus Margaunce F(X, 1, M) = X12 + X2 - X, -5X2 -5+ + /1 (2x1 + x2 - 8) + /2 (-x1) + /3 (-x2) + +M(X1+X2-5) x = Q, g(x) = 0 2 = 2x1-1 + 221 - 2 + M = 0 $\frac{\partial F}{\partial X_2} = LX_2 - 5 + \lambda_1 - \lambda_3 + \mu = 0$ o high= 1, (2x, +x2-8)20 $\lambda_2 g_2 = \lambda_2 (-X_1) = 0$ $\lambda_3 g_3 = \lambda_3 (-X_2) = 0$ h(x) = X,+X2-5=0 9350 (nobepleu T.B) $\int_{1}^{2} g_{1}^{2} = 0, \quad g_{2} < 0, \\
 \lambda_{2}^{*} = 0, \quad \lambda_{3}^{*} = 0$ = 14 221+4=-5 12x1-1+2/1+M=00 1 + M = 1 LXz-5+12+MZO 9 2x, + x2 - 8 = 0 N2 = 2 M = 4 X1+ X2-5 20



$$3g_{2}^{+}(x^{n}) = -l_{1} = 0 \Rightarrow l_{2} = 0$$

$$P(l) = kl_{2}^{2} > 0 \Rightarrow ke max$$

$$P(l) = kl_{2}^{2} > 0 \Rightarrow ke max$$

$$3) = q_{1} < 0 = q_{2} < 0, q_{3} < 0$$

$$1 + q_{3} < 0, q_{4} < 0$$

$$1 + q_{4} < 0, q_{5} < 0$$

$$1 + q_{4} < 0, q_{5} < 0$$

$$1 + q_{5} < 0, q_{5} < 0, q_{5} < 0$$

$$1 + q_{5} < 0, q_{5} < 0, q_{5} < 0$$

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$$1 + q_{5} < 0, q_{5} < 0, q_{5} < 0, q_{5} < 0, q_{5} < 0$$

$$1 + q_{5} < 0, q_{5} < 0$$

$$1 + q_{5} < 0, q_{5} < 0$$

