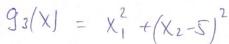
PTP 2 metog norregobotenburx byciynok.

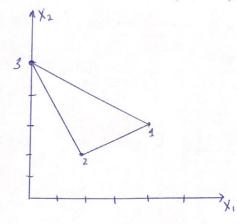
$$g_1(x) = (x_1 - h)^2 + (x_2 - 3)^2$$

Krutepun munnygoloso.

$$g_2(x) = (x_1 - 2)^2 + (x_2 - \frac{h}{2})^2$$

n=4





критерии 200 ресствение до тоши A/4,3); В(2,2); С(0,5)

Dre Tokk Sa Megeremu ABC:

OHU HE EBREDTCE ONTUNCATHAMU

NO POPETO, TOK KOF TOKU

Brytpu unu ha upohuyax

CIUTONTU NYZWE UX, 291972KTUBHBE

replace utgrayue:

 $X' = \underset{x \in P}{\operatorname{argmin}/g_{*}(x)} = \underset{goctunanter}{\operatorname{goctunanter}} \ \ Forke \ A(4,3)$

BTOPCE uterayue: $A+B=>\sqrt{(4-2)^2+(3-1)^2}=\sqrt{5}=>$ Bosken $Ag_1=(\frac{\sqrt{5}}{2})^2=>$ navjem numny-n 2-020 kpusenum ucronbyle yctynky.

 $x^2 = \underset{x \in P}{\operatorname{argmin}} \left\{ g_2(x) \right| g_1(x) \leq g_1(x') + Ag_1 \leq g_2(x') + Ag_2 \leq g_2(x') \leq g_2(x') + Ag_2 \leq g_2(x') + Ag_2 \leq g_2(x') \leq g_2(x') + Ag_2 \leq g_2(x') + Ag_2(x') + Ag_2$

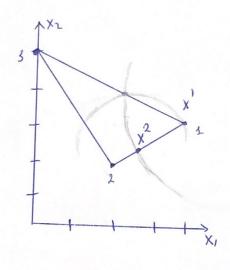
Pluepue syget hox of use ha reperenties $(X_1-4)^2+(X_2-3)^2=(\frac{\sqrt{5}}{2})^2$

6 Mens a AB = X2 = \frac{1}{2} x, +1

X, = 435un4 3,893 seprem wents were

X2 = 2,945 2,5

 $\chi^2 = \begin{pmatrix} 3 \\ 2, 5 \end{pmatrix}$



Tpe Tole uterayue.

Bojanen $\Delta g_2 = 2$ nonpo oyen raw The Torry

Harepererehuu AC u $(X_1 - 4)^2 + (X_2 - 3)^2 = (\sqrt{3})^2$

 $\forall Ac = X_2 = -\frac{1}{2}X_1 + 5 = \lambda \log Ucbun unaigen.$ $X_1 = 3 = \lambda X_2 = 3, 5, -179 \text{ yerogubacter } b \Delta g_2$ yergnny u coerfletetbyet:

 $\chi^{3} = argmin 5 g_{3}[x] |g_{1}(x)| \leq g_{1}(x') + \Delta g_{1}, g_{2}[x'] + \Delta g_{2}$ $\chi^{3} = {3 \choose 3,5}$