Over no resoposophos pasere N5 no reme "mesos Popera"

Belronham: Robonnel, Zaponetcknic Norrpynna 2

1 Nocsarobka jagaru: Nocsabuts jagary menterum jayen tementé moli apyrkyum e 2 mm. yandusum b buge paberuts u glynd mm. yandusum b berge nepaberuts. Penge vocaprende labour mezodon tibers.

(2) Zagona seuru un jayeur:

(1)
$$\varphi(x) = 3x^2 + 7y^2 + 2y + (t - g)^2 + xy \cdot sin(4x + 5y) + (x + y + 2)^2$$

Orparurerus:

(2)
$$\begin{cases} 2x + y + 72 + t = 9 \\ 3x + 3y + 92 + 2t = 18 \\ x - 39 + 27 < 1 \\ -x - y - 2 - t < 100 \end{cases}$$

Constiquence pensionen B 75ke (0,0,0, 9) & S

T.e.
$$C = \begin{pmatrix} 2 & 1 & 7 & 1 \\ 3 & 3 & 9 & 2 \end{pmatrix}$$
 $C = \begin{pmatrix} 9 \\ 18 \end{pmatrix}$

$$F = \begin{pmatrix} 1 & -3 & 2 & 0 \\ -1 & -1 & -1 & 1 \end{pmatrix}$$

$$G = \begin{pmatrix} 1 \\ 100 \end{pmatrix}$$

Rephal aparka nogeospana enequantino tak, vostos b maranomossistas ona brinontal nace, kak palberectos

(3) Vecrepobarue prenerence uno ga

B and ables to her before the continue of the

9 ANTOPUSM

Harausmuti Fran:

$$C_0 = (6, 1, -1, 3)$$
 $C_0 = 10-3$

$\lambda = 0.7$

<u>UCHOBHOù</u> 2701:

BUSOP Hanpabrerus cnycka 1. Haugen F1: T.e. aporku F, grs karopan orp. bunornaued, kak paberceso Osognanum Ja f1-ind-un-bo ungeked gannan unok

- 2. $A_{k}=\begin{pmatrix} C \\ F_{1} \end{pmatrix}$, eens F_{2} Hengeson u A=C B sporubleous
- 3. Pr = E AT (A AT) A, com A Hengeral a Pr = E B
 rporabriou cupoe
 - 4. $sk = -P_{e} \cdot f'(x_{e}) Hanpabrenue crycka$
 - 5. Ecres Sk!=0 c 70400000 & nepersogues & Bredopy marca Cen A-ryou sk==0 c Tollowo E: xk-pewerul
 - Unare rospour W= (A.AT) A. fixx) u= w[f_ind]
 - Ecru (>=0 xx-pechence

Unare Espera underc extendosemnoso evenenca a a pushkapan cibarta simm mulekon n L. marquelli Fo, T.E. C rignikia 2.

Busop mara

- 1. Sagagnes gle represente al = a. am= a.
- ? B yenke noka He Brenownerur yendows ges at um am F2. (xx+ ax Sx) 2 92 Q(xx + Qx Sx) < Q(xx)

Peynotain: Nongen orbet (0,0,0,9), so cooler voyes munuayang