гограниска форв селыв, що пов селания I Firewelkmen Zuenwelmen) monens Modigino bancie cusinner - were COM: CX > min 1 1: na decenti nep - i (5) or pumasno наступиц канонічну форму:  $\mathcal{L}^{s} x = \beta^{s}, x \geq 0, \beta^{s} \geq 0$ Мехай на ческу праст Базист - муний: 21, ..., xm = ) Тазиста мот фиця В (s) = (4, |Az| ... | Am) Знаемо, чего 25 = В (s) . А, В = В (s) . в d; = B-6(5). A; , = 1,12 1) Juan. f:  $\Delta_{k}^{s} = min \Delta_{i}^{s}$ ,  $\Delta_{j}^{s} = G_{j} - \sum_{i=1}^{m} C_{i} d_{ij}^{s}$ ,  $\Delta_{j}^{s} = G_{j} - \sum_{i=1}^{m} C_{i} d_{ij}^{s}$ ,

Same of Bus . 1: 31 = min Bis = 05

recurse of Bush is his of the single of the same of th 3) Concerence. -> ( suchy & "s)".

(m+1) × (n+1) en-6. Partiene non northano quani B(s), A, b, c. 1) Cumpienc in Francis: авмо 4; = C; - Sidis = C; - Cay dis ( = ( C1, C2, ..., Cm) eccus (blookened) bewrop: 11 = (11, 11, 11, ..., 11, ...) = (10) - (10) = (10) B(s). B = G; - Coas B (s) A; = G; -U' A; j=I, n d; = B(3)A; Ds. ?! 2 True mandomenas f. B= B(s). B, B, 3, teleparobyono B-35) > B(5+6) Jadij, (BIE)~(EIB-3) TAK ME TPEBA

M N M X 3 . 10 / . 3 Henri 5(3) = (A/A 1- /A/-s /Al A/-s / B(s+s) = (A, |A<sub>2</sub>|...|A<sub>1-s</sub>| A<sub>k</sub> | M<sub>1-s</sub>|...|A<sub>m</sub>)

Tognarumo: B(s) = 16; 511,

B(s+s) = 116; 511, E= 4, m, 5=4, m (\*) \$ 5.5 \ \( \frac{\lambda\_{ij}^{S}}{\lambda\_{ij}^{S}} \), \( \frac{\lambda\_{ij}^{S} Попором пования / D Thodewo porareoly 3/1 Do O-kfor Jonark 5. p. x (0), Jag. mai-puss B(0), carpuenas do nei B(0) (5-i kpa (5), 5. mars. B(3); (6)

В вымен. венов шемпене-пис. s (Al) April 11 = Cas . B (s) ) Q Cor. alument Johnes: 1 A/25 1 -- Am) 1= 5- 115A. , j=1,n 1 4.1 Thuso Si > 0, S=1, n => my jim => (stop) => x(s)= x + out forbig. Les bedy 4.2 Thurso = 5: 0: 550 0 => =) (5top) => L(x) - meedicen, min L(x) = - , xel. 3) Thuso He 4.1 i' we 4.2 k, 1-? DE = mindi Domarioeno L'= BE(s). AL, 20 BS = B (5). B as most Bj = min Bi = Oks Az > 6 Janue, Aj-3 Janjeury. 3/3) 6 Cornence B (3+5) 30 Formy 0-43

rance (\*) j répersoums de n.c. Tay bance nue: 3 Oea. neerod forb'es anne 3MM nobi beard-coburence queb. I 3 Ементариа ма рим () to B(s+1) = E(s).B(s) = E(s) E(s-1)B(s-1) = --- E(s) E(s-v) ... E(o) B & Мультинийстивия CK. noorusus coepiceuce" war press. Ha 340 / Reopia Seiconi/ Thoron Jedera M.M. (1) SAR hora DEscuences C311 - jex - min, 1 Ax= 6, 420, En prograce assideras securis Experis ance, 6-Ax = 0 = (i) => > du = (u1, U2, ..., um): (u) (6-Ax)=0 cx = cx + (u, (b-Ax) = ub + (c-uA); x). Mounganine, uso c-uA >0, MASC Забиваемо " (с-иА)х. Моско CK) ub, Epine roco [mincx > max ub xc) Louarenne:

2000 (2): 116 max Explose.

2000 (1).

2000 (1). la (1) infre une commande moule

1) Francisco 3M EX > min, X=0 (A 1-E) · x = 6, de == (ca, cz, B ---, Cn, O, O. -- O), X = (X1, --, Xn, Xn+1, --, Xn+m) 3a guarenness Hoicross. ub max {ub max horizo Loqueenen 3311 6 roops formi L(x) = Seix; > max 2) \\ \a\_i \x\_i' = \&i, i = m\_+1, m 3) 2; =0, 5= 1, hz, ng sh 4) Ki - Dobinsum zwany S= 13+1, n

12-0 Phoiaa do nei [(x) = 5 6:4. > min = (Cz, Cz,-@ 4:20, i = 1, ms, ms & m --, Kn+m) Dy: - Delinenoso znany, i=my+1,m 3 = 1 a; y; > c; , j=1, m, ns < n - au beix x 13 3 week. nor. 311. @ Saij g= = G; 25 = 12+1, 12 to laci. М-могод - шегод шерафов.