Highbugy aubust 33 no mincy "Metogol onmissionen"
Bernomuna cygenmia jujanti 1180-2015 Manauga M.D Barmann Na6 3 ag aprile Barmann #26 Iman Ns. Tema: Memogri pe-5(X) = -4x, + x2 = extr 5aganue: 1) X1+2X2 < 6 a) Harmy marchinger & zagarax lu à rhappirucku 2x, -x2 < 2 X, 30 X230 Manuer communitée - me-mogore à pagare à $f(x) = x_1 - 5x_2 \rightarrow ext_1$ $2 - x_1 + x_2 \ge 3$ Hx, -x> & 4 X130, X230 3. ellemaços pemerma zagaren unrumero nporpani-Bagarne a) Trimmer Dano: f(X) = -4x, +x2 > extr X1+3X2 56 (1) 2x1-X2 \(2) X, X2 30 (3) Manuer penerus zagarus zrapwierus Pelle Mile: Due zaquiecroro remenus zagone pomzenu organisation gongentings jentemil Jagobande marwelle (1) & saaste onreguerance moneral

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f(C)=f(Xmin)=-4.2+12=-8+2=-6 Saganne a). Trumes 2 Dario: f(X) = X -5X2 - Extr -X+X2 = 3 Ux, -x2 =4 (2) X, >0, X2 >0 (3) Haume punerue zagaru spage bucku Pemerus: De magnisha gongomundix penserud 220 abaense crammerue (1) b zagone zagalma ngamon Organizatione (2) & zagare zagarnes hours 1-4 0 Minusculos Conycontulo IX Reneruni Sysem acobke noun vaemas burker (0,0) max kax mi nagemacobke

parurerus (3) & jagore zagatom umbepmb koopgunamudi nuockderdu. How row raquem opyrekym of (x)=(3) Hoursum unterto groties querque f(x) = C noxognighto lesper morem (0,0). Dell 3mons rancher 1 de constant (0,0). Dell 3mons voraduation 2 Hayerus voramation (0,0). Dell 3mons voraduation (0,0). Dell 3mons vora 6+X1+X273 unu grabus 0 while yrabice X1-5x2=0 works CX. 0 VF(x) = (1, -5) Monderhas mens grobes the uneen object mores of many mores of mensure hapened hapenoc, no un pour euse offer mensure probes openhages hapecexatomino monder pendente pendente in our multiple in our mult H) Brain acxam mary marchinera outering particular de la carine abrier ly obris of the care was a carine abrier ly obris of the care of th ypobrat opyrique a uponuemba gonjamuore

De benefabretur graguerna objektive: kak mandabuerulu maainkma atyrevului kar uz hipmema, emo morica A=(0,3), noucka marchingma. Pemerme zagonn X* = 0 X1 = 3 f(A) = 0 - 5 3 = - 15 = f(x min) Tragilimi Pina mar Lax entennembre 2000 march ma Baganne 8) Trumes 1. Daro: f(x) = -4x, +x2 > max x1+2x2 < 6 (1) 2X1 - X2 &2 (2) X1>0 X2>0 (3) Manun marcungur & zagane cumpure contogon Pemerue: 1)-2) B zacare mesyences namus manching Donouremon rependente blegen 6 venebyers aum, palentin fund.

= -4x+x2+0-x3+0-x4 > max X1 + 2x2 + 1 ×3+ 0 · X4 = 6 2x1-x2+0 x3+1,x4=2 X1 , X2 30 X3, X430 - gonoutum eubrible nepeuleurble Bolnimen anoubled how hepmended orpa-Huneling : X, X2 X3 X THOH w -5azuctible O cmousy61 bance le zagare ecomb, man rak crean beindicarrolx durantipolo 2 comb aba Bandicribix Comontigob equipolitation mampungolo (2 x 20) Tepex oga k M-zagare The mpergencel. E) Desurantibles hourgain ragary, nogramobren-F(X)=-LIX1+X2+0.X3+0.X4 -> max X1+ 2X2+ 1. X2+ 0. X4 = 6 2x1-X2+0:X3+1:X4=Q X120, X270, X320, X420 Bazierore repenseurore & zagare & Tronpanuerence: X3 80 I orpanulerun: X4 Ocnaubheble rependentible: X1, X2 - c608 0912618 Haraubhae Sazuction phillippel: X5=6 X4=2 X1=0 X2=0

coombination moure 0 = (0,0) 3mo remercia Thobegen bornamen c namonsoro annuexcmasuus! lasuma NI 1: (15 bn X XZ XZ X4 OP Dctpaka 0 X4 2 -2 -4 D-cmodely Belleumen communexe-partisonné que resaruction = -4 - 0 = -4 Cocmab Sanucion Boogumes neperulinas X2 cooms. 3mas neperulinas — D-comorder parteur (mollow) Chouse of cooms durilleman & - cmoustya: 6 = 3 12 = 11 +2 van entras benforman neperservant x3, max mans les combencembres multiples recomposed les composes les compos muly may brain hear men O -compoka (pazpeniarongia compoka) en compoka ra repecementi &- curoudya u O-complose haxogunco papenarousen suinerm R=12

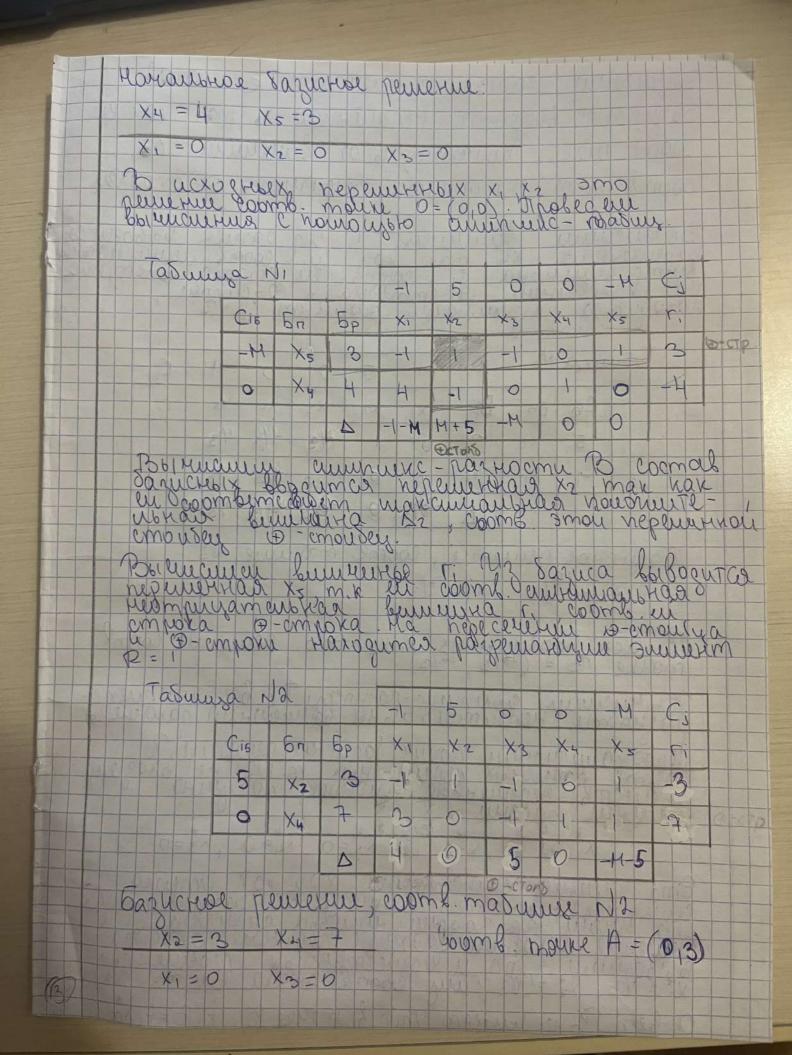
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The hay neplod of participation of the company of the f(x)=-X1+5×2+0×3+0.×4+ max -X1+X2+1,X3+0.X4=3 4X1 - X2 + 0 X3 + 1 X4 = 4 X1, X270 x3, x4 >0 - gon replue HHb1 e Dogweriex consusys nou repensensix s or a Hunerliex XZ 1 Sazuckelie cmousey check barre on cymernbyen man vair constraint very apermanowhere university of constraint constraint and many constraints and constraints are constraints and constraints and constraints and constraints are constraints and constraints and (2 x2) oparence le morça nomina resoyes comenne orparulurine:

-X1+X2 -1 X3 +0 X4+1 X5 =3 4M- X2 +0. X3 +1. X4 + 0. X5 = 4 X, X2 7, 0 X2 X4 70 - gon. nepunerusie X570 uchycombennas orpanieriex moudifier hou renewerindix & X4 Saructuble Comoutybl Comousure nous repenser XL 4 x5 of (2 x 2) Blegin usucomberry ho hephulking to X5 6 f(X) = - X1 + 5 x2 + 0. x3 + 0. x4 - M. x5 → max 6) Oronnamento nomeraem zagora, nociomobnerf(x)=-x+5x2+0.x3+0.x4-Mx5 > max -X1+X2-1-X3+0.X4+1-X5=3 HM - XZ + 0 . X3 + 1 . X4 + 0 . X5 = 41 X1, X7 7,0 X3, X4 7,0 X = 20 to aquerrore replusione la jagare 60 Emprou orpaniement - X5 x, x2, x3 - c60809mble



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