Mugubugyanunce A 3 no kypey "Margu BUNDAMEN SYGERS TPYMEN H80-3105 Grelenin CA Bapuani 1) 33(18) From Js, Margu penemia 3ATT Saganne: a) However more mary a minuf(x)=-x,+6x, > extu min & Sadarion 1's roaden 3x,+2x253 1) -x,+442 = 4 ago tur sulmer misopa X,20, X,20 novement & zogone 1 2) f(x)=-x,+3x2 > exth a runningh & zagare 2 X, 1 X 2 3 6 -X, +2 Y, EY X 20 , X 2 20 a) Npunep 1 Sagame f(x) = -x, +6x2-> extu A ONO: 3x+ 2x, E9 (2) X30 X530 (2) Havin penserne zagana pagamecki 1. And spagnesson powerum no ipower MAP, zagulaemos ospensins Orpanismus (4 rpshad - +1+2=1 rpoxoganial reper forker unisten (1)-B) Outenmenne (5) - whence - x'+xx5 =11 "who xederings who had some MAP & zagare orpaniment somme apaliment a cogepació Torany (0,0) T. N upu nogérahobre v. 5 Tourn 6 espannienne (1) (2) nongra

Orpanierum (3) zagaroz 1-10 ra верго координатной местами МДР вымочная висточна в которых ограничения виконамой са одноврешенного Отметий прайше точки мин. в. О. Н.В., С. одноврешенного Отметий прайше точки мин. в. О. Н.В., С. одновреше градией органи Р(Х) = С., проходящию мерез точку зъточна минию уровна Р(Х) = С., проходящию мерез точку (0;0). Для этого найдем С., партовив (0;0) в привую фино С. - 0 + 6.0 = С. и залеш подроши прайции - x + 6 x = 0

Заметии, что оне перпендикумерне прадмету.

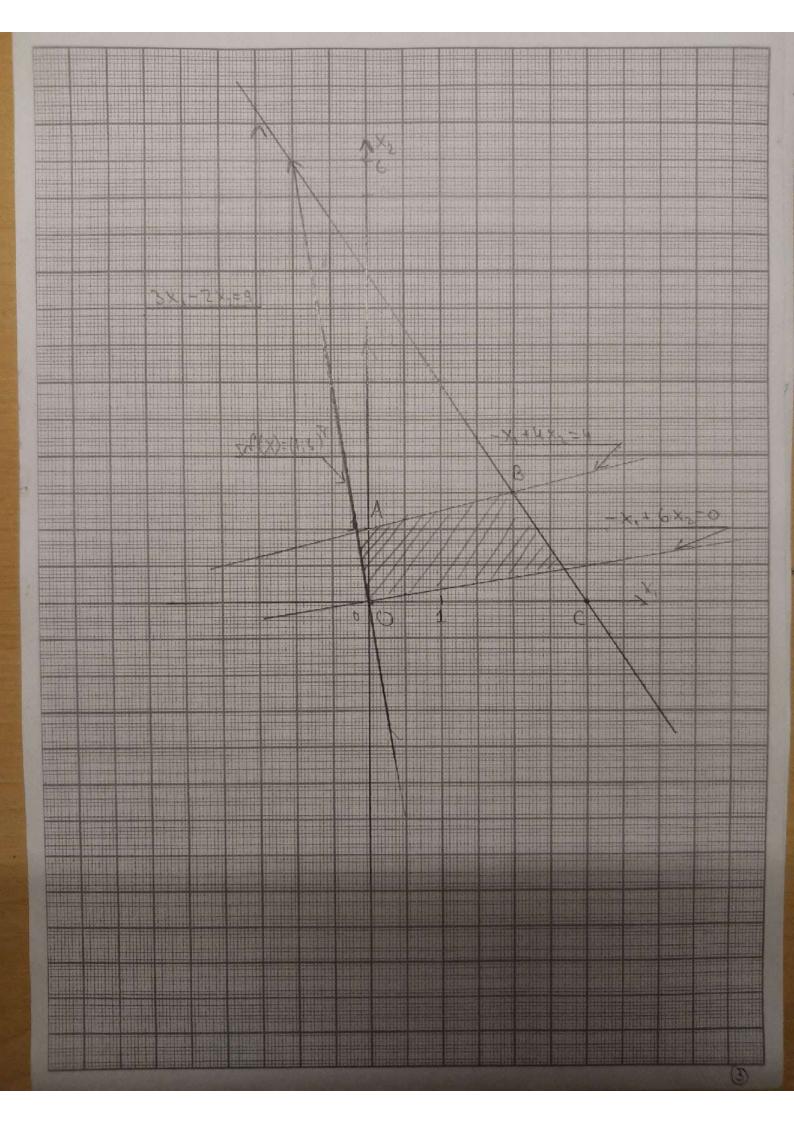
Поброенная пиния уровня перечекает МДР и отметим се Ф. и будии испать точку мастирия как последнюю череного вочку ко сания мини уровня и МДР при пара мениюм череного В в сания мини уровня и МДР при пара мениюм череногов ВЕ(2;15) направление градмета. Как видио из чертием органи ВЕ(2;15)

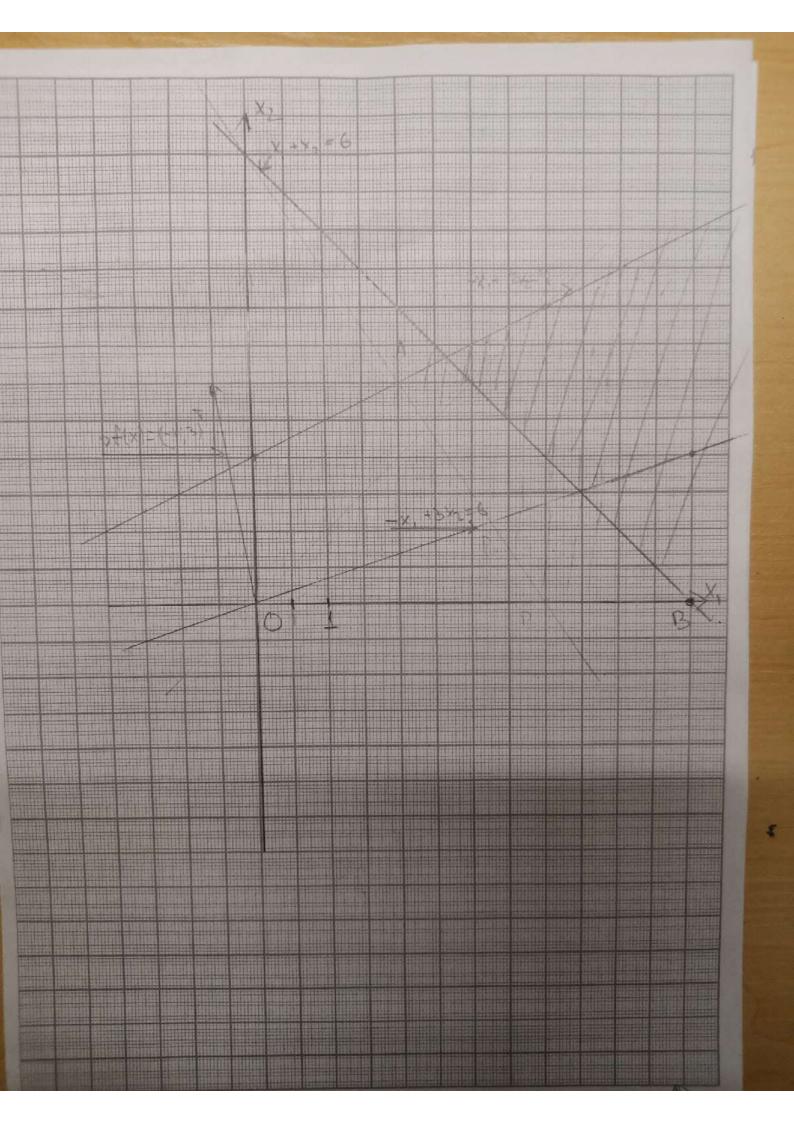
 $x_1^* = 2$ $x_2^* = 1.5$ $f(B) = f(x_{max}^*) = -2 + 6.1.5 = 7$

Bygen across sorker miny my me have noneghor sorky laccature human ypoland a MAP upu hapanehoran neperore & & Kanpahretum aposalononovemen spagnetay. Nan bugho uz reptence - 250 Touche C-C; 0) T.O. nongresso powercue zagaru nove nee - 250 Touche C-C; 0) T.O. nongresso powercue zagaru nove ka munimyna opyun.

x=3 f(C)=f(X=x)=-3+0.6=-3 3aganne a) Rpunep 2. Acano: f(x)=-x,+3x2 > extr x,+x2>6 -x,+2x2=4

Haira peneum zogam spacpmelken Peneum:





1) Ane apagnueuro pernemus zagam hoespour MAP, zagalaental or perhureman. (1-13).

Orpanmenne (1) 6 zagane ouregonetes y most x,+x, 26 upoxoga-1

X, X2

MAP Tyget orponuero stat aparion a de Tyget cegeparate vorin (0,0).

T. E. non nogranobre k = sound 6 orponuerous a nongradició selepros repuber 280: 0+026.

Orpannieme et empegniste aparion -x+2x=4, apoxogragen repeg

y, V₁

MAP Type orpanimeno 35 ou upanon u Types conferences sorry (0,6) 5 k upa nograndre k.7 & orpanimenne (2) no nyuaes as before rupalen abo: 022054

Orpanimenia (3) Jaganis 1-10 réslepsis reopgimentation médicates
MAP brimorer les roum, le nosopiex espanimentes brimonnainses
Cognolopemente Orman upan une soule A "B

3) Nospour summe grobed f(X) = (-1; 3) broke (0; 0)

And Form realism moments c'ned roped (0; 0) e venephro do-han

C=-0+6.0=0, a Jeas no apoun money of a fuerty.

The 'FC ubstray between the breaking the breaking of fame of the bound of

4. Nonvoicement mentre moncommy anguegramo nipognego yer, T. k. 3 aganno. Kon bugno ny reprener tanon torka ne cygnest byer, T. k. MAP & nonpalmenan apagnesse meorpanimenane, como manno na nes

Bygen uchase turny summingure anaroneno apegagyigeny apremepy. Is apacpusa luguo, is so tavois torne ne experibles to k
MAP l nonpolarena aposalono novinom spagners y neognamiennos,
ca. no, amanegas nes

Baganne & Rpmuep 1 Anono: f(x)=-4,26x2-> exth 3x,42VZE9 -x,44x,64 X, 20 X220 Marita manenty a customere- net ogoth Pensenne: Rogerdom zagary a persenue cumulas desagas 1. ? B jagon spedyeres newfu maximuya, apalme rady or pommentin mest unjust without 3 Apulation 3 agary is harrown enough bugy Tax was or possessement (1) n (2) - Hepalantila Tuna " E", blegen & wex gonomusentime nepe менине с коздори учелоси і а в ценевую ф-ушо с ис эдорицие помо. 4 (X)= -x-6x2+0.x3+0.x4>exte 3x+2x+ x3+ 0.x4 €9 -x, +442+0x3+x464 X,20 , X,20 x>>0 , x4>0 4) Burnian crondyn upo republikans 6 orposinieniar (3) (4) Salvani care Bayur 6 jagare colb. 6. Okonici Retino nonymoun zagany negrosobremyo k panemio manuke-neto gour: 4(X)= -x, +6x, +0x, +0x, -> exce 3x1+ 5x5 +x3+0 xx= 3 W -x, + 4x2 + 0 x3 +x4 =4 (1) 130 X30 X30 X30 X 30 1 x4 6 (2) : x1, x2 - chobogue bayo cubic rependence x, & (1) Напалиная базисные решение. 43:9 X =4 X, =0 X=0

Buckogunx repairement são perseume coart some O (o; o) Apolegue burnalmi c nomonymo commence radaces Talkinga NI Cia 6n 6p X1 X2 X3 X4 Wi 0 X3 9 37 2 1 0 45 0 X4 [47-179] 0 1111 0 D1=-1-((0)(3))=-1 D2=6-((0)(2))=6 T. K Dz=mex (D1, D2) u D2 50, 34 X2 blogus es kar Euguenca, @- cool consess. Burmaluh V; Uz Enjurca builoquies repailement xy T. E rz=min(v,, vz) vz>0 D-COOL Whoke Paypenasoujui 31-5 R=4. O egypaciben repense radrugue * January Koseposminons a do-dan g gebruion of bord 2004 5 * Bannuer 6 nobyro : Fast. Iz Saguenne repensembre x2 nx2 * Запинен коздранушенти ср-уш при базисник перанениих C replace consent radado; * Repeaulacin & Sporty: pargerin & sperry na parpenens. Myllie DA-7 @ Expose (4 -1 4 0 1) R=4 Pergusor 1 -0,75 1 0 0,15 * Representation out about SPN-(KU=5) 5 -02 5 00'2 Pergnasos 7 3,5 0 1-0,5 (8)

Padruya SZ C15 Bo Bo X, X2 X3 X4 V, 6 x2 1 [-0,25] 1 0 0,25-4 0 x3[7] 2,5 0 1 1 1 -0,5 2 0 5 0,5 0 0 -15 0 Laguence permercie rain de X=0 x2=1 500 persone cce56 7 A=(0,1) D=-1- (6) (-025) = 0,5 T.KD= max (x, by), DDO X, Moguzes & cosab Saguchar, COOTE DONNES & Burnamer "; Us Enjure a bulchural x3.7. k v2- namenuman nearp. Repurence Perpensony in 31-7 R= 3,5 Berguset lun repecuer Fathunger: * Bohumen Kosep op- gun & lepxinos of Tala 3 * 3 commen 6-1051 53 Sayucine repatiente X, ux * Barumen kases de dan ubu galacur x ne bararman e neberir EL NEAD GUBAUES * Representation & Exporty; B3Arre 5 1 0 3 - 7 * Representen ou Espony. ap 1 70512 1 -0,25 1 0 10,25 CO N (KN=4,25)-0,5 -0,25 0 - H 18 PRYMETOT 1,5 ,0 1 th 28

```
Valunga 23
                  600
 Cis bo bp X, X2 X3 X4
 Bayuenoe penerare rada 3
   x3=0, x=2 200 penenne cost6. 7. B=(2,15)
  13=0-(6)(1)=-==
  Ay = 0 - ( -1) ( -2) = - 10
  AS, Az CU & burnamence zaconneno
 Nonguero equaslemas penenne (5. x opoka cumuneux pagnosti
  Ferda N3 cogéphent gla minebre quarerans)
  X, = 2
 Orles: opymyne meet honomyn & T. B=(2,1,5), 4(B)=7
Jaganue SJ Rpunes '2
Dono:
   {(X) =-X,+3×2-> Cxdh
     X, +XLZG
     ->, AY-> 4
    X120 X230
 Hassir munumy 6 zagare cumment-mérgois
Peinenne;
Apogration sugary a pomenno monner ne agora
1) Nepergan k Jagare houcha monemenjus, gumorient op-yano no (1)
     {(X)= X - 312 - 3 max
2) Apabus rasu orpannessun ne of projeterohus
 3) Mpulegen zagary x xanonumecromy bugy, Tr. (1)-republisher
Tuna ">" liegen republisher c nosp =1, a B orp. 2. Tima . 4" repen-
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huge a vosop 1 \$(X)=x-3x2+0-x3+0.x4= max Y, 1/2- X3+0. X4=6 - X1+743+0x3+ X11=4 X1, x2, x3, x4 30 4) Burnaman dordyn upa nepemennin (1) (1) (1) (0) Fague orcyrotheger, T. K her godestermeno con la daya ennex crontyol 5) Repexogue le M-Zagare Plegerer & (1) accept lennyro upan, ×30 X,+Y_-X3+ 0: X4+45 =6 -x1+ 2x2+ x3+ 4= 4 K11x21x81x1x830 Burmen Jordyn upa ropen (-1) (2) (3) (0) (1) (1) (1) Summer Survey bazul naugen Bligen 45 & F(X) (4079 (-M); 4 (x)=x,-3x2+0-x3+0.x4+(-M)x5-2mex 6) Oxomoserono nongradier nogras denenyos zagany ~ 4(x)= x,-3x2+0.x3+ 0x4-MX5->max X,+x2- X3+0+4+ 45=6 - x 1+2x2+ 0.x3+ x++ 0 x5= 4 X11x2x21 X41 X = 30 Bajuenne repen . Yy . 45 Chosognue x, x 2, x 3 pomerare LOOF BROWL 2 0-(0,0)

вышимения с помощью синимене - соблиц. Molegue TOOK IS Cs Bn Bn X, X2 X3X1 V5 V1 O V4 4 F-1 2 01 0 -4 -M X5 6 F-1 1 -10 11 6 0 Mal W-3 M O D,=1-((0), (2))=1+M PJ=-3- (10) (3) =-3+W A3=0- ((-M)(-1))= M BCOEOS BIT Bloguese x, buloqueses x5 Burnesun "; かーナータ レシーラーら Tudama 2 1 -3 00 -M C5 C2 PU Pbx x 5 1-11 0 -W1 Bayacroe poursue X;=6 X2=0 X=10 X5=0 => PS=(6;0) Da= -3 - (10) (3) = -4 $V^2 = O - \left(\left(\begin{array}{c} 0 \\ 1 \end{array} \right)^2 \left(\begin{array}{c} -1 \\ -1 \end{array} \right) = 1$ 15=-M-(19), (11)=-M-1 Burnaum V; V, = = -10, V_===6

B xoge persenue bussenances, 450 apegr 31.706 8 as 30 heorpaminentectu MAP.