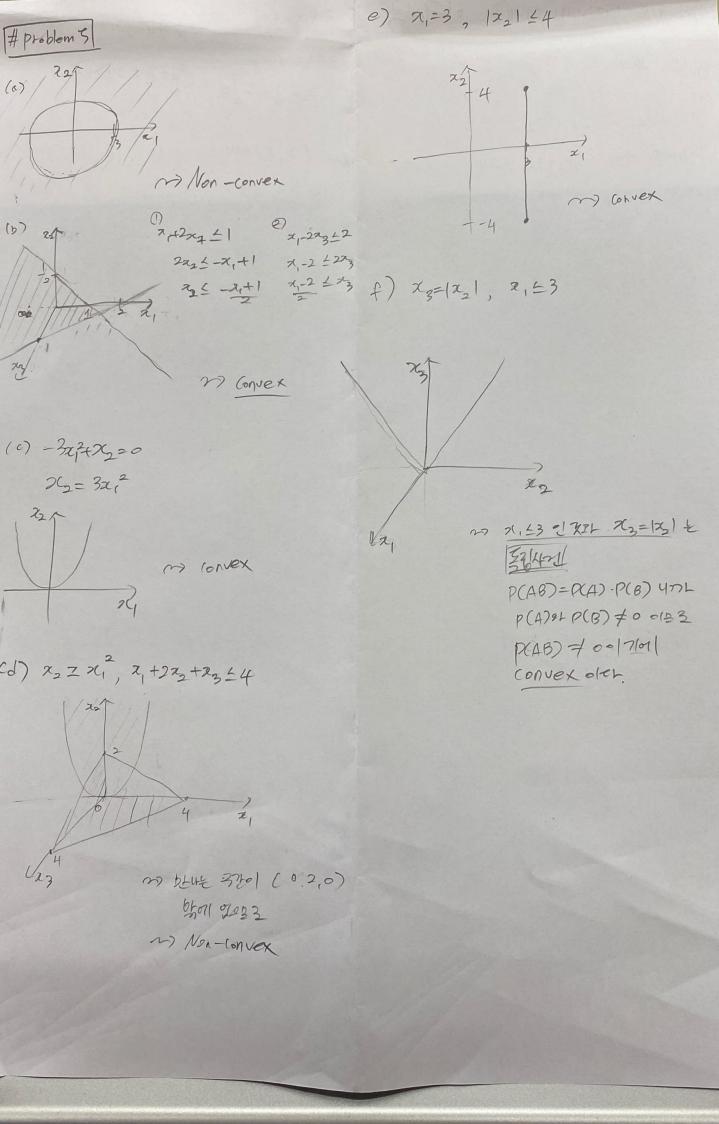
21500468 /319718 PHM) 017615 $Z=\chi_1-4\chi_2$ そったのから 4x= x1-Z Problem #4 是是是17月7日至 2= 21-48 Minimize Z= 42,+522 (5,4) 72 = -3x1+8 (2,8) ONIM Subject to 321+222 524 ... Z=2-32 主发设め到でし、 =-30 3/2-1/2 6 21,2220 (c) Muximize Z = 6x, +8x2 Subject to 2,+422 5/6. 321+422 524 321-422512-110 スルスフロ € ×2 ½ -3×1 +24 Z=6x,+8x2 m) of op | 200 1 2/2 2/2 12/2 32/2 -12 Z-6x, =822-2,=-1/2X 2 =) infagible $(2x_1 = -8)$ $(2x_1 = 4)$ $(2x_1 = 4)$ $(2x_1 = 4)$ $(2x_1 = 4)$ = 8. $-2x_1 = -8$ (6) Minimize Z=Z1-41/2 m Cd) Maximize Z= 2,+222 2,-2= 12 12 - 22,+2 1-22,+22 = 2 Subject to 12422 512 Sabject to x, z -2x, +10 2x,+50/2 210 25 £ 22,+4 -1x,+x2 54 22-422 52 24, 2220 34 = 9 -322 4-21+4 21,2220 スュンラスナラ Zz L-X, +12 (0,2) ofour Maximize Z=X,+2x2 822= (2) x1 7-4



Assignment #2 Minimize ==-221,-3x2 Subject to 2x1+ 4x2 1) ... () 121+ 322 -1 -- D 1, x 2 2 - Cinteger) (1) 8x1+9x2 436 -x3 /24x1+211x2 6/08 32,+12= = 24x,+56x= = 168 -29x2 = -60 562,+632, 1252 Z2 60 29 2112,+6322 = 189 292, 463 2, 463 7= -21,-32 7=2 = 214 7= -10.42 x 57 5-3/ 12=2 (Mode) (Node) 21 X1=18=225 X=21 2=0 2=-9.15 2= -10.5 2=-10.5 in-leagable in-leasible 4,74 2143 492,62 as x,23 7,=3 Node Nose X=41 3B /2=4 3A

infeagable

2=-9.3333

Minimize 21 2 Node 14 $2_{1}=2012 \quad 2_{2}=\frac{13}{7}=2.142 \quad 23 \quad 621$ $2=-2x_{2}-3x_{2}$ =-10

Problem 2

- (0) 日子经十年2日 新居 马子生 一部外 好生 了是
- (b) OBFS & Brown optimal of the the the
- (4) 户上 Poly-nowiral是 到对知识, 外足 (4) 以2 对对 2 10位下
- Cd) linear Dragramanaes Bist 2501M

 OHO (Allotsh) oll the site of organ and integer

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