and regulations regarding to online exams. I give termision for the processing of my personal data as stated in the claritization test I am aware that any forms of cheeting in this mamwill result in sero grade and a disciplinary action located all may To the last provided on the facility of enginerity helps to 1-) Wild west produces 2 type of hots type 1 requirer 3 times are much labor times type 2 company can poduce total of Wotype 2 about world limits are 100 and 300 profitare 8 \$ and 5 \$ Determine the number of hets of each type that weld resonais mile profit. i-) Mathematical Sormula X1: # of type 1 hots to be produced X2: # of type 2 hots to be produced Maximize 2= 8x1+5x2 X, , X2>0 nonnegotive constraint 3 x1+x2 \$450 produce power constraint < 100 merket limit constraints x, < 300 ii-) Graphical solution 2=1500 X2=300 2=1900 X1=50 ¥2=300 150 x1=100 2=1550 x2=150 2=1550 150 100 x1=100 5=800 ×2=0

> optimum Solution

> > 150118047 Mehmet Solo Kotircialu