1 x1 + tyre 1 , x2 + lype 2 Constraints Foculty of Engineering whater for the processing of my presonal data as stated in the Christianian Test provided on the discipliancy investigation, I occupt All rules and regulations orline execut. I give remission X1 5100 Objective Function max y= 8x1 + 5x2 x st Labor lime the company con produce a lubor time is didicated Type 2. leber time of type L. Malt aua hat requires three times as much types of courtery hots. A type?

I am oware that any forms of cheating in the exem will result in sorrograde and a

(2) y= 8.100 + 5.150=1550 (1) y = 3.50 + 5.200 = 1900 - max 3x1+x2 < 450 $\chi_{\ell} \le 300$ 450 X1=100

,x2 =300 when prefit A 341+X1 = M20

(100 tes) the \$ type to meximize profit. number of hots for each

The profit is \$6 per Type 1 on per Tyre 2 hat. Deturmine

The narket limits for the two types after los and soo, lespect

total of 450 type 2 hals ada

tokel of 450 type 2 hals a day. tyres offe too and 200, respective The profit is \$15 per Type 1 and number of hots for each per Tyre 2 hat. Determine hat requires three times as much labor time as type 1. If all avoid labor time is dedicated Type 2. types of cousey bate. A type o The norted limits for the two con produce a Wild west produces two type to maximize profit. as sloted in the Clerefication Text provided on the clisciplinary investigation, I occept All rules and regulations online exams. I give permission the company Mert Sezes OKIAY + 5re à 455 + trac o day C01=1X Mar 4= 8x1+5x tobor line Objective Function for the processing of my personal data x 1 % × 1 6 450 of Engineering website. @ Matyre 1, x - type 2 K1 = 50 1x2 = 300 when profit (1) y = 2.50 + 5.300 = 1903 = mex (2) y= 8.100 + 5.150=1550 3x+x2 <450 Constraints X1 £ 100 x ≤ 300 Facully

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