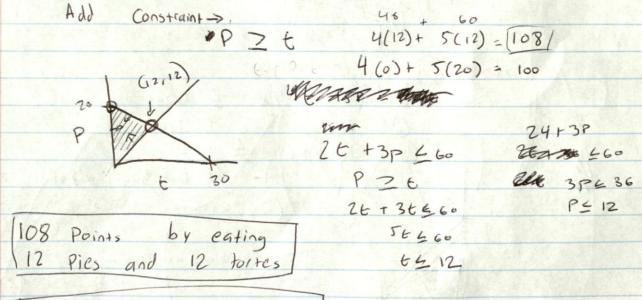
Ali Prasla Optimization Nethods - HWZ O - Choose Is E = number of tortes caten p = number of Pics eater - 100 Objective - Maximize 4t +5p 2t + 3p \(\delta \) 670 P 20 We 4(0) + 5(20) = 100 4(30) + 5(0) = 120 tortes Max Should eat 30 Add 46 + 60 Constraint -> . P Z t 4(12)+ 5(12)=[108/ (c) + 5(20) = 100 Wasser Wille 24+38 2t +3p 660 HANG 660



Reduced by 12 Points

Da Chose w, C Obsective = max 2000 u + 3000 2000 u + 3000 c SUS. L) W+C 6450 (333,0) = \$666000 3w+2c 4 1000 - (0,300) = \$900,000 2w + 4C 4 1200 - (0,300) = \$900,000 \$1 mil m 20 620 450 $\chi = \left(\begin{array}{c} w \\ \end{array} \right)$ b) my CTX $\begin{bmatrix} 3 & 2 & \chi \\ 2 & 4 & 1 \end{bmatrix}$ R output = 200, 200 15 \$ | mil K Confirms.

