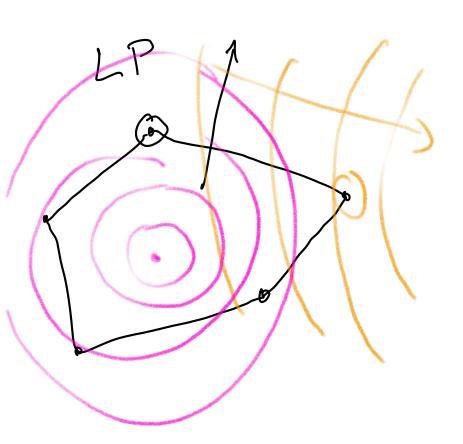
RI: Raw I (in kg) RII: " 2 (in kg) DI: Drug I (in 1000 Packs) DII: Drug 2 (in 1000 packs) i max profit
Revenues Costs
(6200) I + 6900) II) - (100, RI + 198,9RI) Objective: Constraints: Total med Agent A: 0.5DI + 0.6 DII < 0.01 RI +0.02 PII $x, + 2.666 \times z + 3.5 \times_3 \leq 5$ 2666 P with 9>100 35 then it is encertain coefficient aij = (1+ E = iz) aij Zij ~ U[-1, 1]



Reduct constant
$$\forall z \in \mathcal{I}$$

$$\widehat{z}_{1} = (\alpha_{1} + z_{1}) \times (\alpha_{n} + z_{n}) \times \alpha_{n} \leq b$$

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We are interested in the distribution of $(z_{1}^{2} + z_{1}^{2}) = (z_{1}^{2} + z_{1}^{2})$

With 90% confidence, we have

Yn E [402 - \$\int_{195}! \) \(\int_{100})\)

N82+\$\int_{195}! \) \(\int_{100}\)

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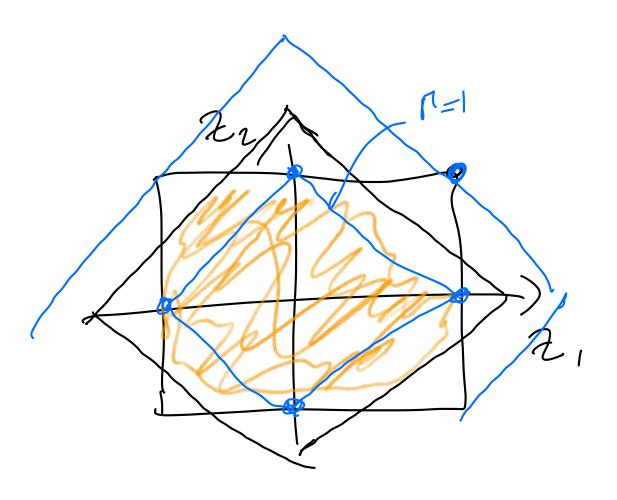
N82+\$\int_{100

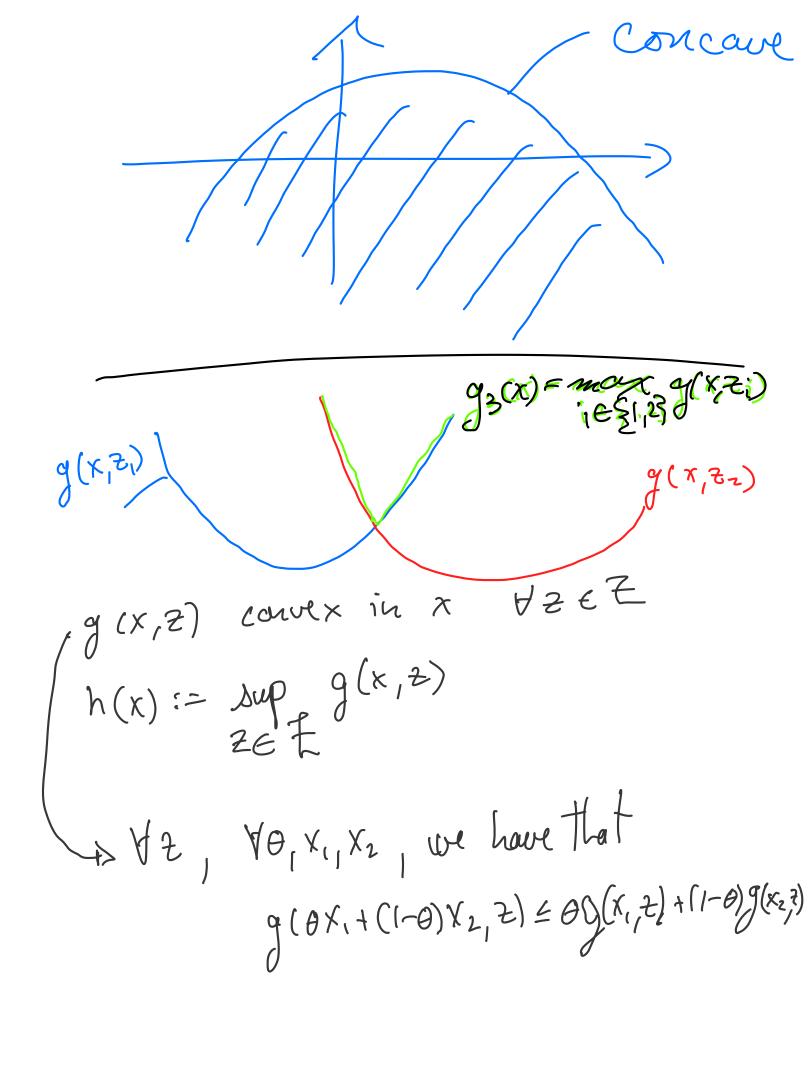
Resume at 11:10 am

 $\max_{x \in X} h(x,z)$ $\max_{x \in X, t} t$

max $x \in X, t$ s.t. $t \neq h(x, z)$ fz^{z}

 $\max_{X \in \mathcal{X}} \min_{X \in \mathcal{X}} h(X,Z)$





cour show that If O, X, ,Xz $h(\theta X_1 + (1-\theta)X_2) = \lambda u \mu g(\theta X_1 + (1-\theta)X_2, \frac{1}{2}) converity$ $= \lambda u \mu g(X_1, \frac{1}{2}) + (1-\theta)g(X_2, \frac{1}{2})$ $= \lambda u \mu g(X_1, \frac{1}{2}) + (1-\theta)g(X_2, \frac{1}{2})$ $= \lambda u \mu g(X_1, \frac{1}{2}) + (1-\theta)g(X_2, \frac{1}{2})$ $= \int_{Z_1 \in Z_2} \Theta_g(X_1, Z_1) + (1-0)g(X_2, Z_2)$ $= \sup_{Z_1 \in \mathcal{Z}} \mathcal{O}g(x_1, Z_1) + \sup_{Z_2 \in \mathcal{Z}} (1-\theta)g(x_2, Z_2)$ $= \Theta \sup_{Z_1 \in \mathcal{I}} g(x_1, Z_1) + (1-\theta) \sup_{Z_2 \notin \mathcal{I}} g(x_2, Z_2)$ $= \theta h(x) + (1-\theta)h(x_2)$ f(x) = e3x+2 E,g Convex fcx= ex² =h(g(x))convex in Czeasing h(y) = e4 $g(x) = x^2$ Convex

f(x) is convex function by composition rule.