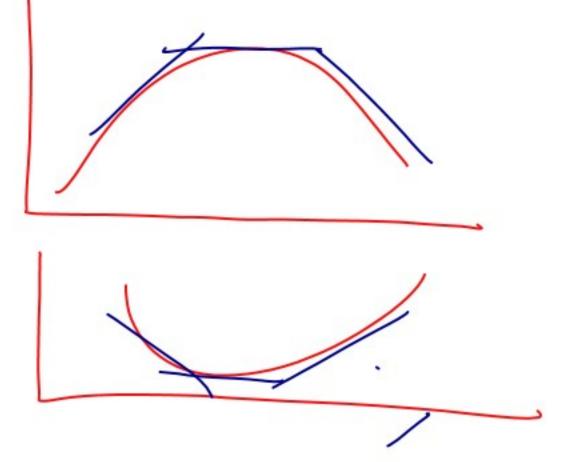
MAX M(X) XXY S.Q. PX=W (4) X=M(X)+X(X-PX)



e° = 1

C+(x)+8(x)+7 = e(x)

f(x)+&(x)+&= g(x)

ln a = 6 ma

Jehna - Como/ - U

f: 18 -> 1R -('(x) = lm) + (x+h) - f(x)  $h \rightarrow 0$ f(x+h)-f(x)-f(x+h)x x+h

$$f(x) = g\left(h\left(\frac{1}{2}(x)\right)\right) \qquad \forall = h\left(\frac{1}{2}(x)\right) \qquad \forall = h\left(\frac{1}{$$

$$\frac{d\alpha^{x}}{dx} = \frac{d(e^{m\alpha})^{x}}{dx} = \frac{de^{x \ln \alpha}}{dx} = \frac{de^$$

h,XER+ M; N h.P (h) s.o. m(h)=ū MAX M(X) ZXY S.Q. PX \in

$$M(x,y) = \alpha x + b y$$

$$h_{i}^{*} = \frac{\pi}{\omega}$$

$$h_{i}^{*} = 0$$

$$P(\pi_{i}|_{x}, \ell_{i}) = 0$$

$$P(x \mid x) = 0$$