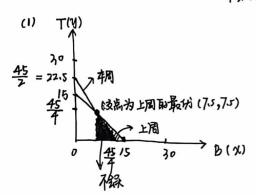
4. 上周 B T ヤ ァ ァ num 7.5 7.5

79 6 1 P 4 2 num 7.5 7.5

0 = 4×7,5 = 30 2x+2y=30

 $C = b \times 7.5 = 45$ 4x + 2y = 45



(2) 这里分析替代效应(补股的分內外(0)

因为: P(x+P,y=P(x'+P,y')) (其中 (x',y') 为 年 因 最 (x',y') 为 年 因 最 (x',y') 在 (x',y')

即 px+xy'> px+xy

P. (x'-x) > Pr(y-y') = P'(x'-x)

 $(p'-p_1)(x'-x) < 0$ 

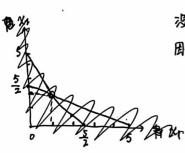
0-M0= P1X+P24

Ompix+py = pix+Ry

3 MD < MIX+ BY < Pix+ By

P-4-184 - 1-X+1-4

5



沒種輟反:

因为  $p \to p^0$ ,  $\Delta P_i = 1$ ,  $\Delta X_i = 0$  $p \to p^1$ ,  $\Delta P_i = 1$ ,  $\Delta X_i = 10$ 

R\* \$ 6.68 \$ R € 6.68.

$$argmax EU(d) = \frac{1}{2} \cdot \sqrt{1500} \, d + 1600(1-d) + \frac{1}{2} \sqrt{400} \, d + 900(1-d) = \frac{1}{2} \sqrt{1600 + 900} \, d + \frac{1}{2} \sqrt{900 - 500} \, d$$

$$argmax EU(d) = argmax \frac{5(1b + 9d - 9 + 5d)}{\sqrt{16 + 9d} - \sqrt{9 - 5d}} = 5\sqrt{1b + 9d} + \sqrt{9 - 5d}$$

$$= argmax \frac{5(7 + 4d)}{\sqrt{16 + 9d} - \sqrt{9 - 5d}}$$

$$\frac{dEU(\theta)}{dz} = \frac{5}{7} \left( \frac{9}{\sqrt{16+9a}} - \frac{5}{\sqrt{9-5a}} \right) = 0 \Leftrightarrow A^* = \frac{47}{90}$$

树柳柳!