$$A_1 = 5$$
 $A_2 = 6$
 $B_1 = 7$ $B_2 = 4$

2 - Sector model

$$L(x_1) = 5 - 5x_1$$
 $L(x_2) = 10 - 3x_2$

$$F(X_1) = 5X_1$$
 $F(X_2) = \frac{1}{2}X_2$

$$T_1 = P_1 \cdot Q_1 - \left[(5 - \frac{5}{2}x_1) + 5x_1 + P(x_1) \right]$$

Bil-Rent:

$$P(\chi_i) = P_i Q_i - 5 - \frac{5}{2} \chi_i$$

$$P(x_1) = 20 - 5 - \frac{5}{2} \times 1 = 15 - \frac{5}{2} \times 1$$

$$P(X_2) = 20 - 10 - \frac{1}{2}X_2 = 10 - \frac{1}{2}X_i$$

= 35

Sector,
$$\in [0, \frac{\pi}{2})$$

Sector, $\in [\frac{\pi}{2}, 20]$