

(34)

$$Q^* = \frac{CF + R}{(\bar{P}_V - \bar{C}_V)}$$

$$\bar{P}_V = 15$$

$$\bar{C}_V = 3 + (0,2 \times 15) + 1,5$$

$$CF = 42800 + 62200$$

$$Q^* = \frac{105000 + 0,1(15Q)}{15 - 7,5}$$

$$Q^* = \frac{105000 + 1,5Q}{7,5}$$

$$7,5Q = 105000 + 1,5Q$$

$$7,5Q - 1,5Q = 105000$$

$$\boxed{Q = 17500}$$