

$$Q_{oo} = 18p - 1000; \quad Q_{do} = 9000 - 22p$$

$$Q_{ot} = 14p - 800; \quad Q_{dt} = 4000 - 16p$$

$$\rightarrow \epsilon_{do} = -\frac{\partial D_d}{\partial p} * \frac{p}{Q} = 22 \frac{p_o^*}{Q_o^*}$$

$$\rightarrow \epsilon_{dt} = -\frac{\partial D_d}{\partial p} * \frac{p}{Q} = 16 \frac{p_t^*}{Q_t^*}$$

$$Q_{oo} = Q_{do} \leftrightarrow p_o^* = 250; \quad Q_o^* = 3500$$

$$Q_{ot} = Q_{dt} \leftrightarrow p_t^* = 160; \quad Q_t^* = 1440$$

$$Q_{oo} = 8p - 900; \quad Q_{do} = 9000 - 22p$$

$$\rightarrow \epsilon_{do} = -\frac{\partial D_d}{\partial p} * \frac{p}{Q} = 22 \frac{p_o^*}{Q_o^*}$$

$$Q_{oo} = Q_{do} \leftrightarrow p_o^* = 330; \quad Q_o^* = 1740$$