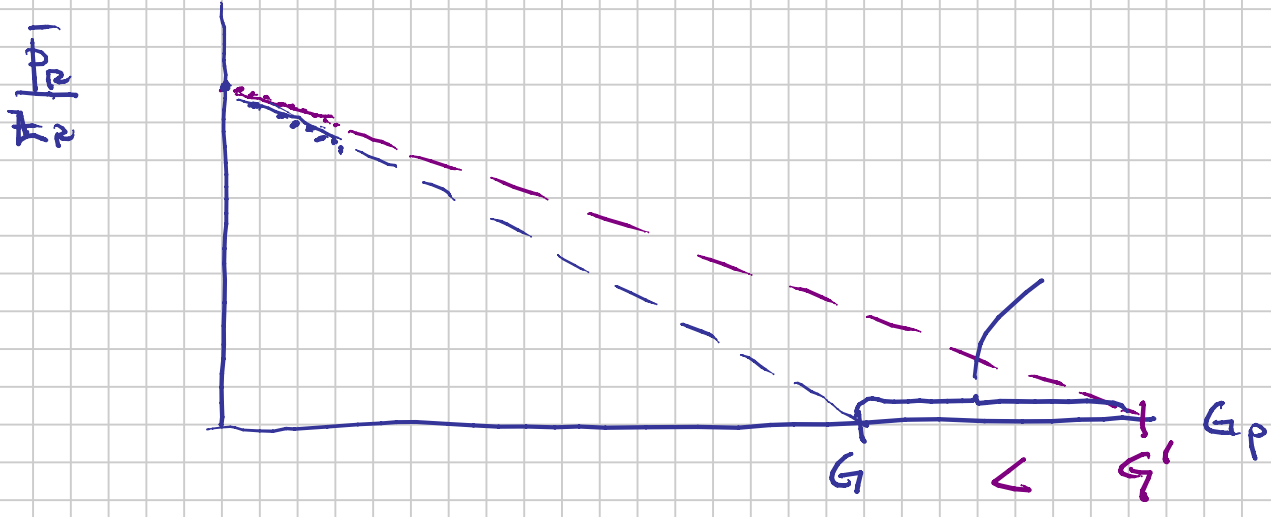
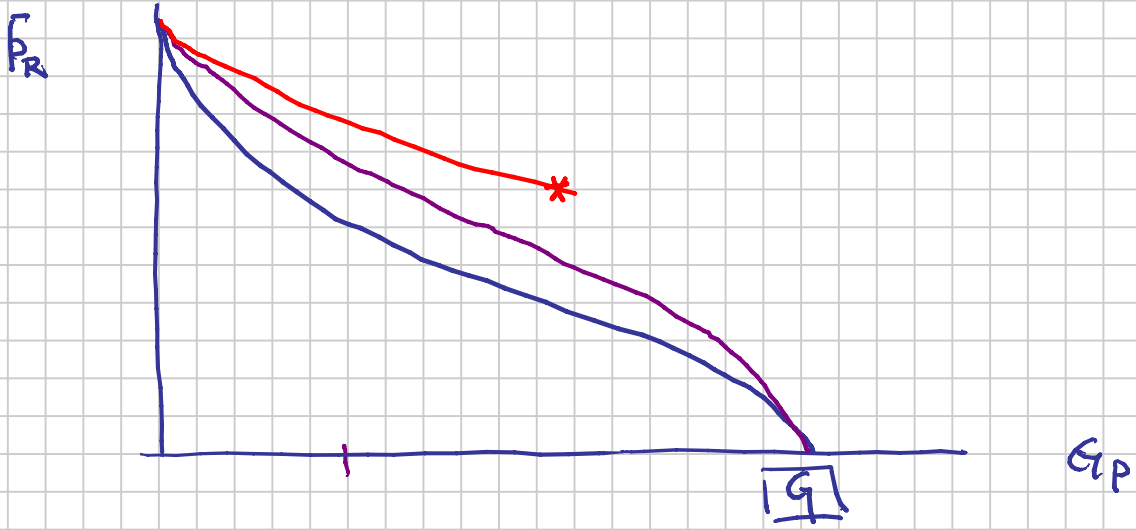


$$\left(\frac{P_R'}{P_{Ri}'}\right) < \left(\frac{P_R}{P_{Ri}}\right)$$

$$G' < G$$



$$\gamma_L \equiv \frac{\rho_L @ P_{sc}, T_{sc}}{\rho_w @ P_{sc}, T_{sc}}$$

$$\rho_L @ P_{sc} = \frac{m}{V}$$

x_i of a STO

$$m = \sum_{i=1}^N x_i \cdot M_i$$

$$V \approx \sum \tilde{V}_i = \sum \frac{m_i}{\rho_{Li}} = \sum \frac{x_i \cdot M_i}{\rho_{Li}}$$

Tables
App-A

Ch-5, Table 5.2