Gesetz von Hagen-Poiseuille

$$I_V = \frac{\pi R^4}{8 \eta L} (p_1 - p_2)$$

$$I_V \sim R^4$$

Rohrwiderstand

$$I_V = \frac{p_1 - p_2}{R_V} \leftarrow \text{Def}$$

$$\Rightarrow R_V = \frac{8 \eta L}{\pi R^4}$$