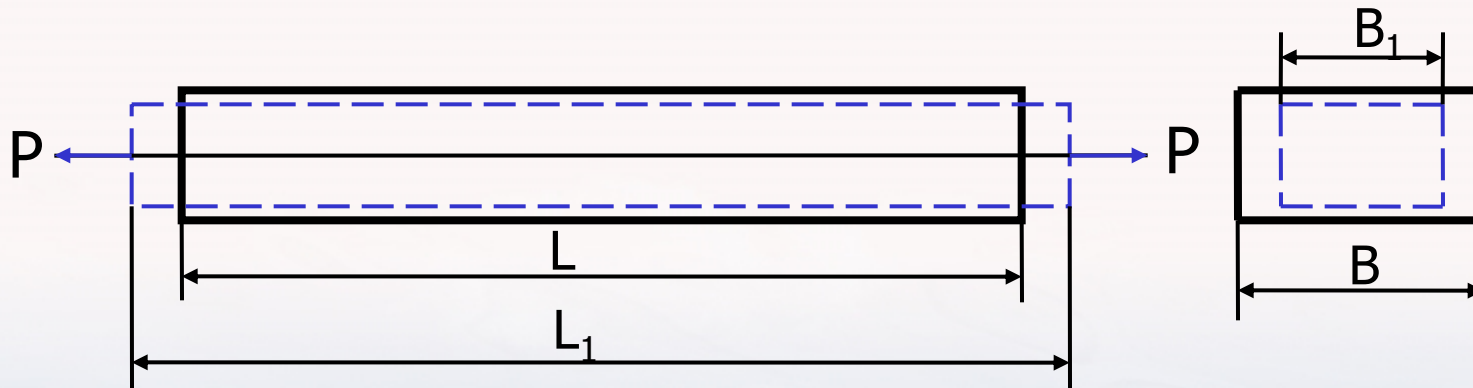


横向变形



轴向拉压杆的变形

二、横向变形，泊松比



纵向应变: $\varepsilon = \frac{\Delta L}{L} = \frac{L_1 - L}{L}$

横向应变: $\varepsilon' = \frac{\Delta B}{B} = \frac{B_1 - B}{B}$

$$\left| \frac{\varepsilon'}{\varepsilon} \right| = \mu \quad \longrightarrow \quad \varepsilon' = -\underline{\mu} \varepsilon$$

泊松比

