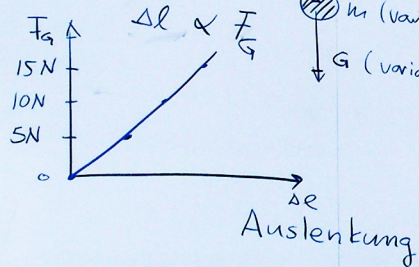
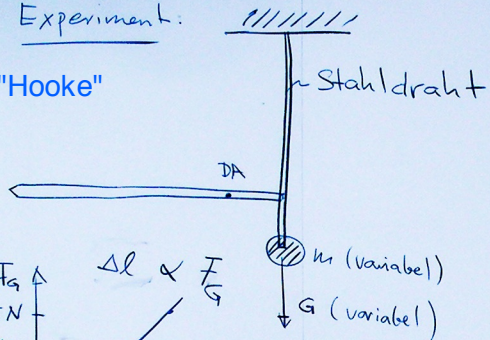
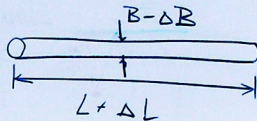
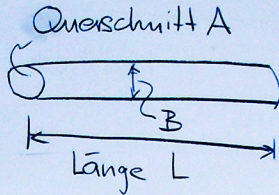


Experiment:

"Hooke"



Materialverhalten



Def. Dehnung $\varepsilon = \frac{\Delta L}{L} []$

Def. Querkontraktion $\beta = \frac{\Delta B}{B}$

Def. Normalspannung

$\sigma = \frac{F_N}{A} [Pa]$

Zugspannung $\sigma > 0$

Druckspannung $\sigma < 0$