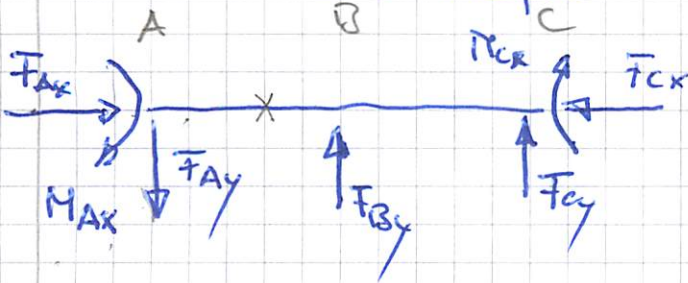
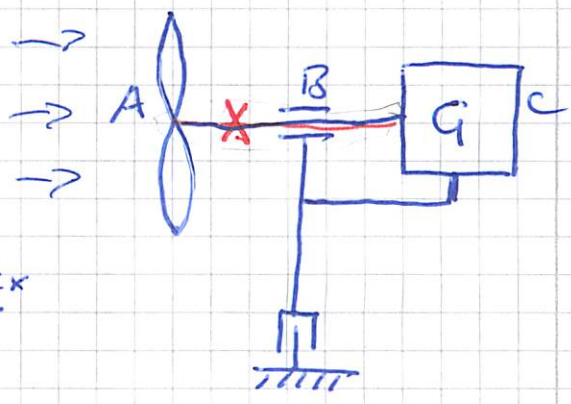


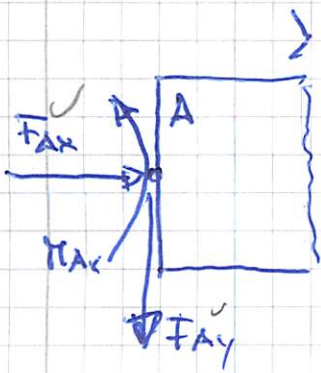
Festigkeitslehre

Statik → Festigkeit

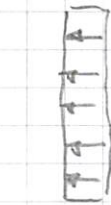
Freimachen → äußere Kräfte



Freischneiden



% sigma



Druck, Zug
Spannung

$\sigma_{z,0}$



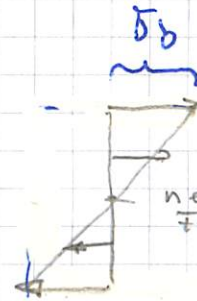
(ab) Scher -
Spannung



Torsions-
spannung

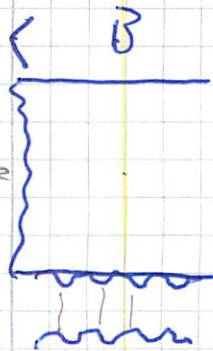
τ_a

% tau



σ_b

Biege-
spannung



p
Flächen-
prestung