# Theory

## Part A: Statik (3,0 points)

**A.1** (0.5 pt)

$\Delta y =$

**A.2** (0.5 pt)

$\Delta W =$

**A.3** (2.0 pt)

$H =$

## Part B: Dynamik (5,5 points)

**B.1** (2.5 pt)
allgemein:
$t_c =$
numerisch:
$t_c =$

**B.2** (2.5 pt)

$A =$

$B =$

**B.3** (0.5 pt)

$v_{\min} =$

## Part C: Energie (1,5 points)

**C.1** (1.5 pt)

$Q =$