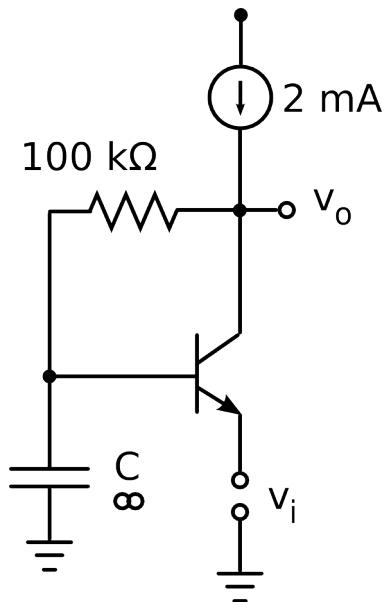


Electronics II

Problem sheet 1

P. Stallinga



$$\beta = 99, V_A = 100 \text{ V.}$$

- What is the name of the amplifier above?
- Calculate the bias point
- Calculate the signal gain of the circuit $A_v = v_o/v_i$
- Calculate the output resistance, r_{out}
- Calculate the input resistance, r_{in}