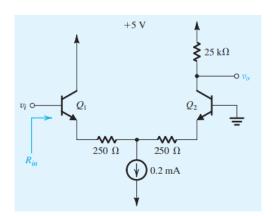
7.1 Find the voltage gain and the input resistance of the amplifier shown in the figure 1. Assuming $\beta = 100$.



- 7.2 The differential amplifier in figure 2 utilizes a resistor R_{ss} to establish a 1-mA dc bias current. This amplified uses a single for supply and thus the determined point work with the period of the p
- a) Find the required value of V_{CM} . b) Find the value of R_D that results in a differential gain A_d of 8 V/V.
- c) determine the dc voltage as the drains. Add WeChat powcoder

