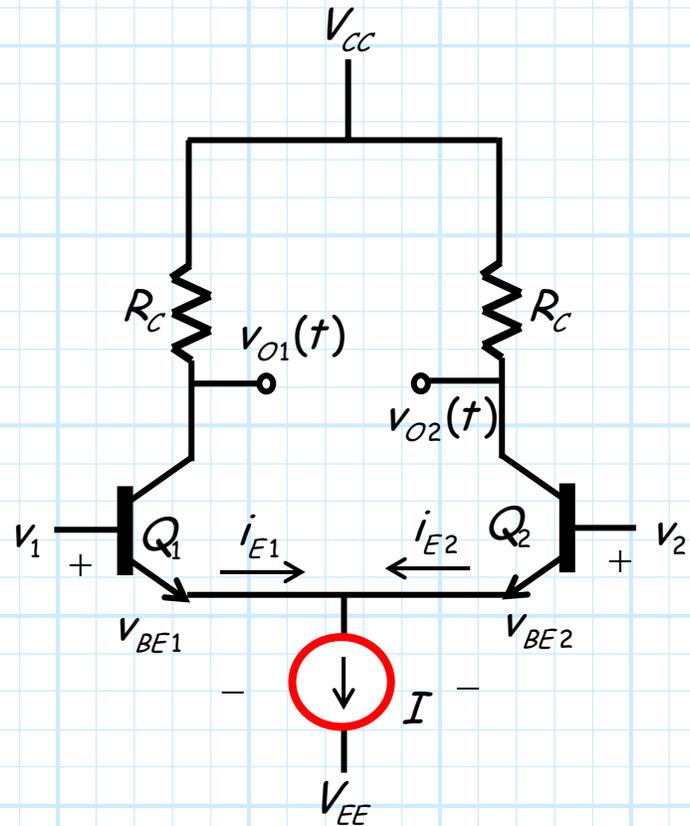


7.3 The BJT Differential Pair

Reading Assignment: pp. 704-720

In addition to common-emitter, common-collector (i.e., the emitter follower), and common-base amplifiers, a fourth important and "classic" BJT amplifier stage is the **differential pair**.



HO: Large Signal Operation of the BJT Differential Pair

The differential pair is a differential amplifier—we express its performance in terms of differential and common-mode gains.

HO: Small-Signal Analysis of the BJT Differential Pair