Amplifier Topologies

Simon Hobbs

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Chapter 1

Basic Single BJT

1.1 Common-Emitter

1.2 Common-Base

1.3 Common-Collector

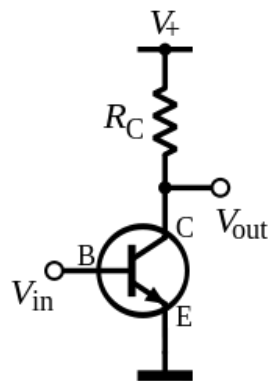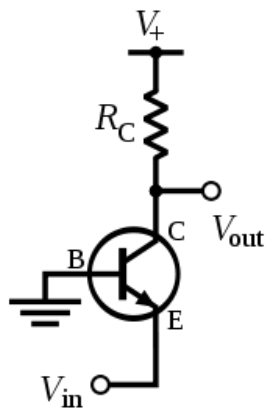AKA emitter follower

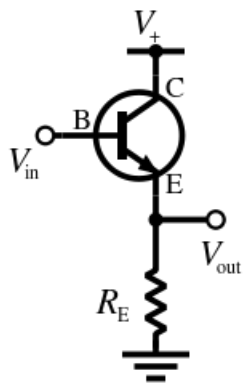## 1.4 Emitter Degeneration

Figure 1.1:

Figure 1.2:

Figure 1.3:

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Chapter 2

Basic Single FET

Chapter 3

Multisection BJT Amps

3.1 Cascade

3.2 Cascode

3.3 Darlington

3.4 Differential Emitter-Coupled

AKA Long-tail

3.5 Current Mirrors

Chapter 4

Amplifier Concepts

4.1 Bootstraping