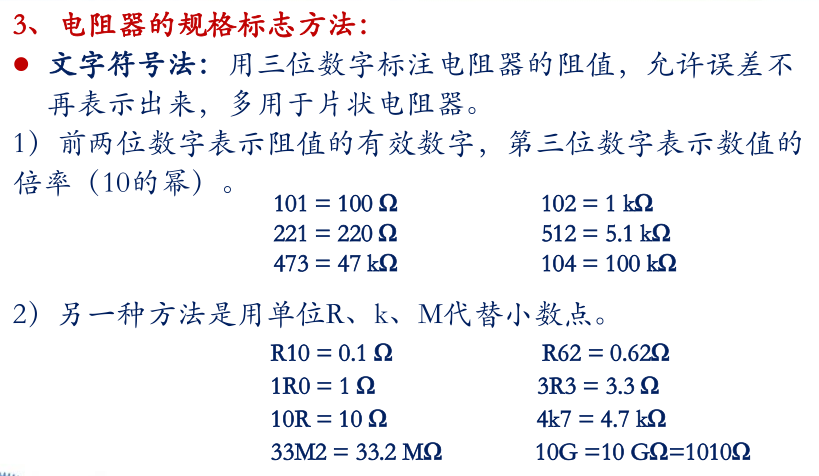
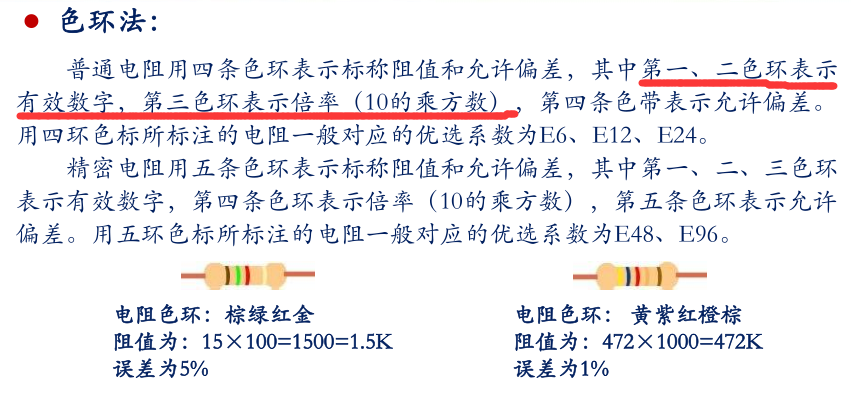
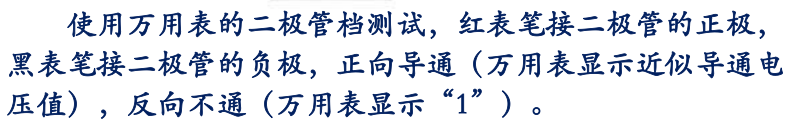
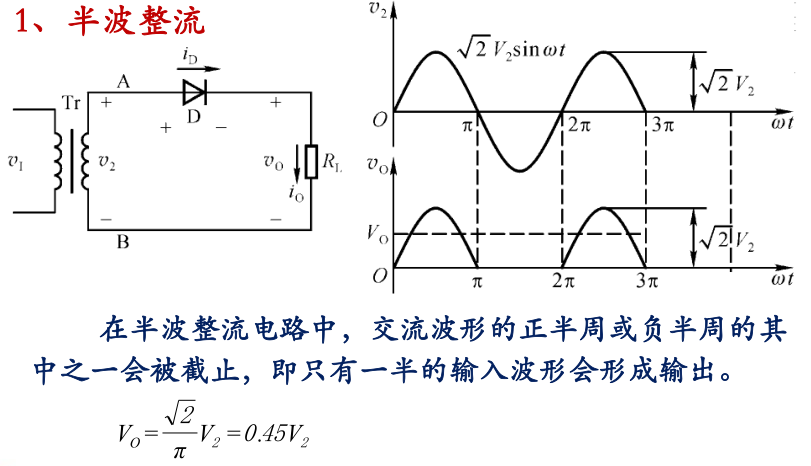
绪论

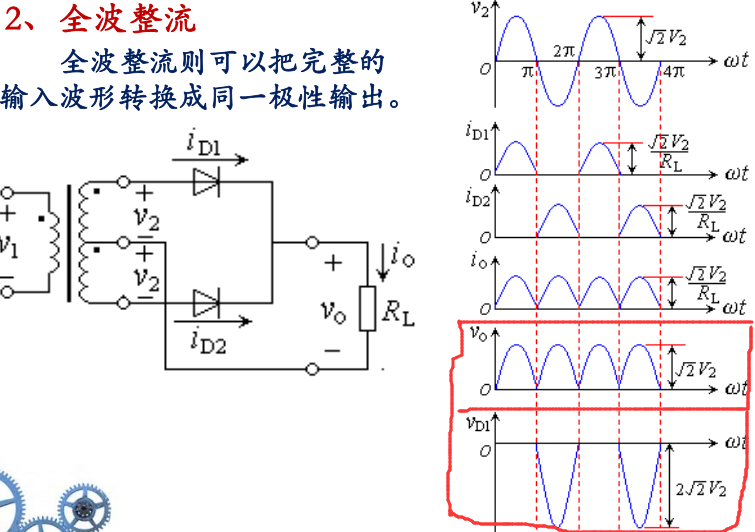


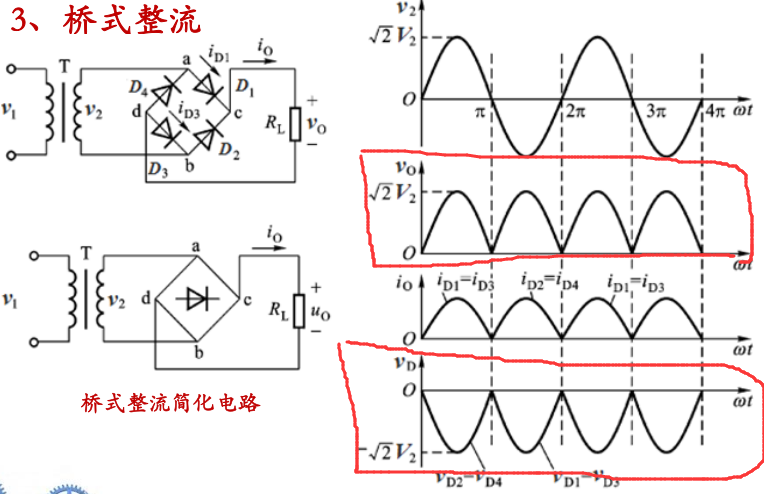




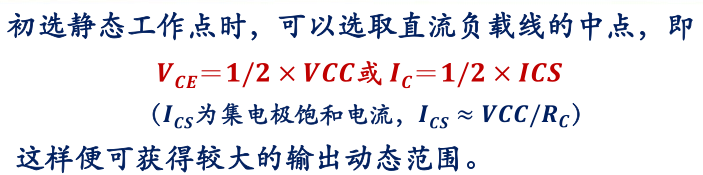
整流

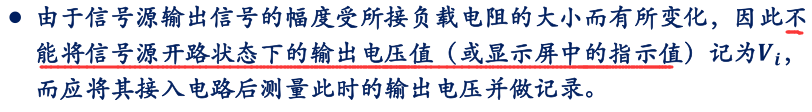


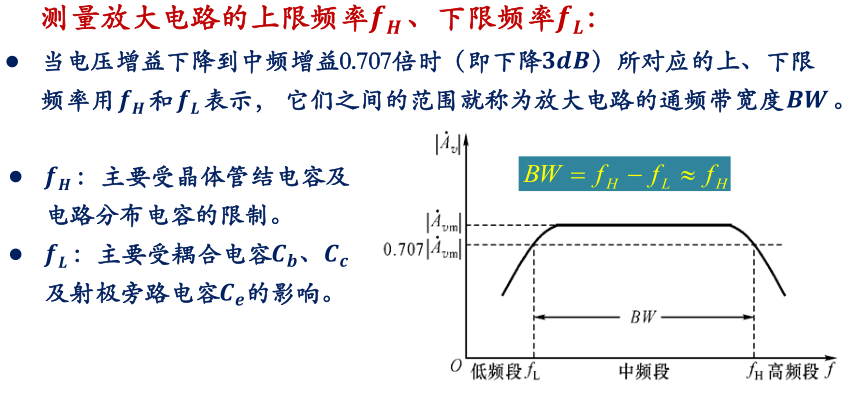




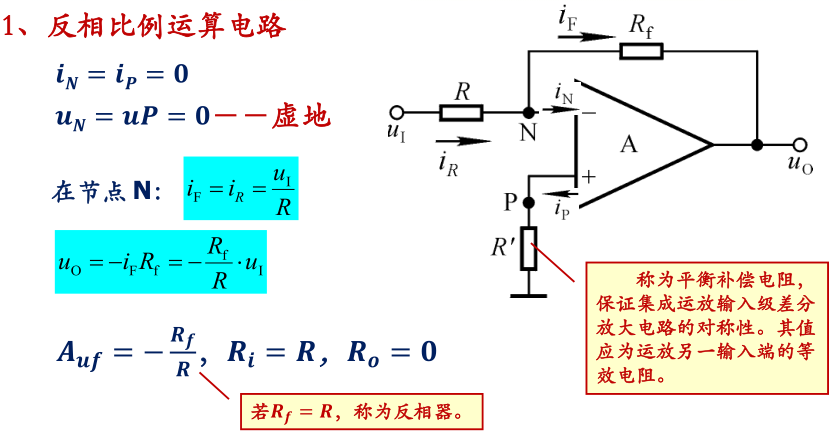
三极管共射电路设计

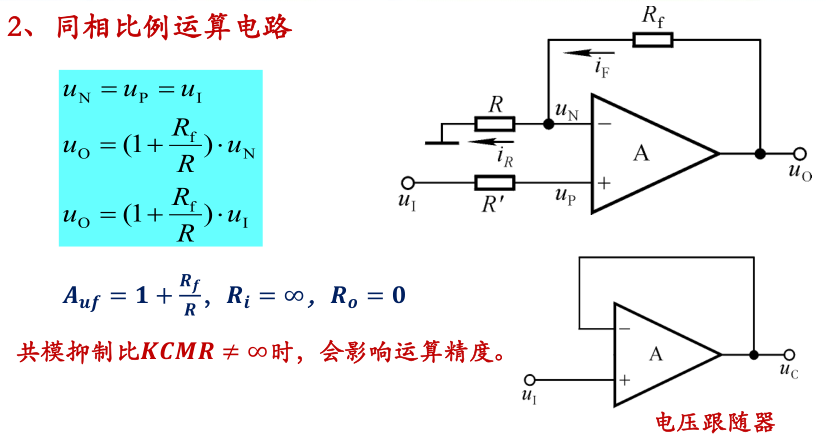


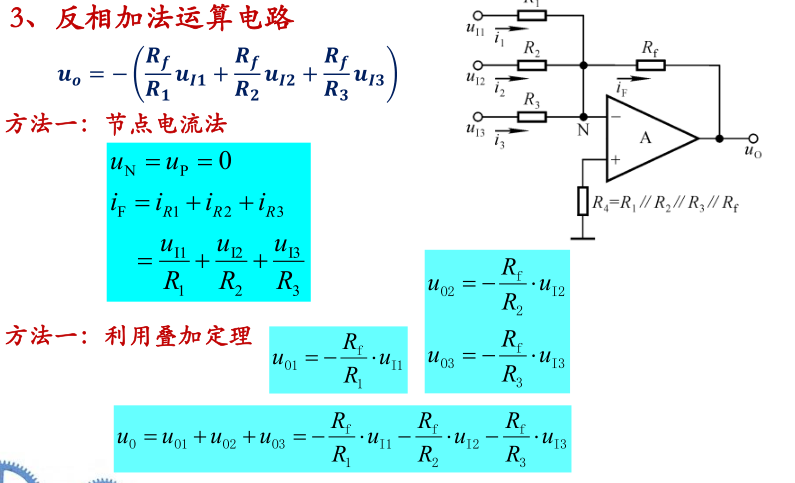


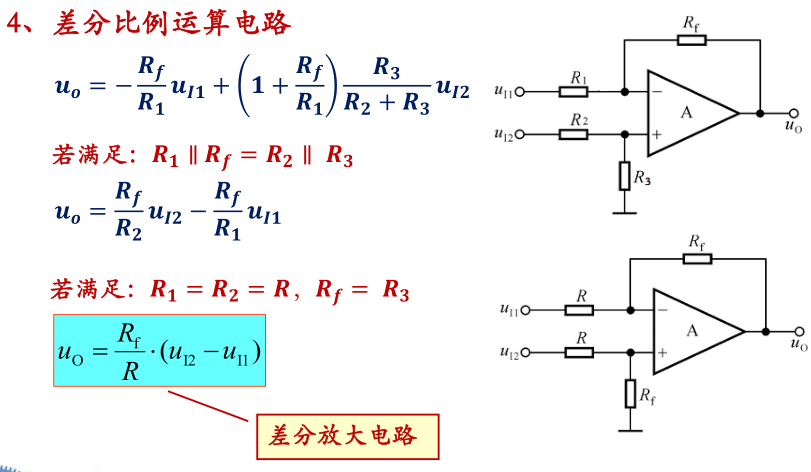


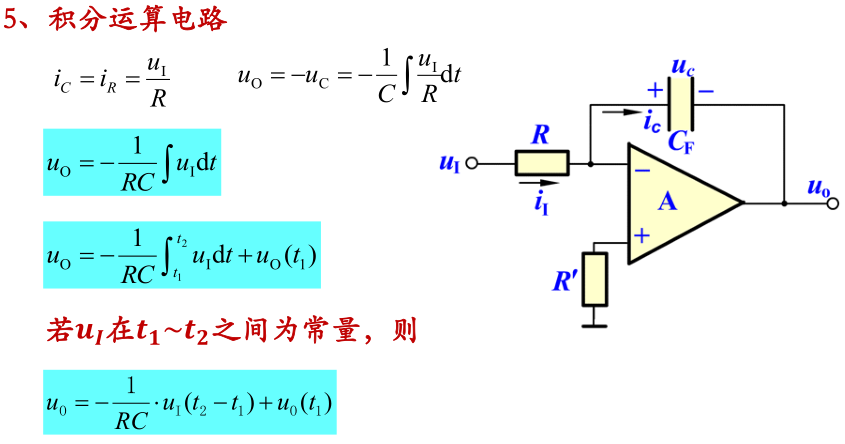
基本运算电路设计









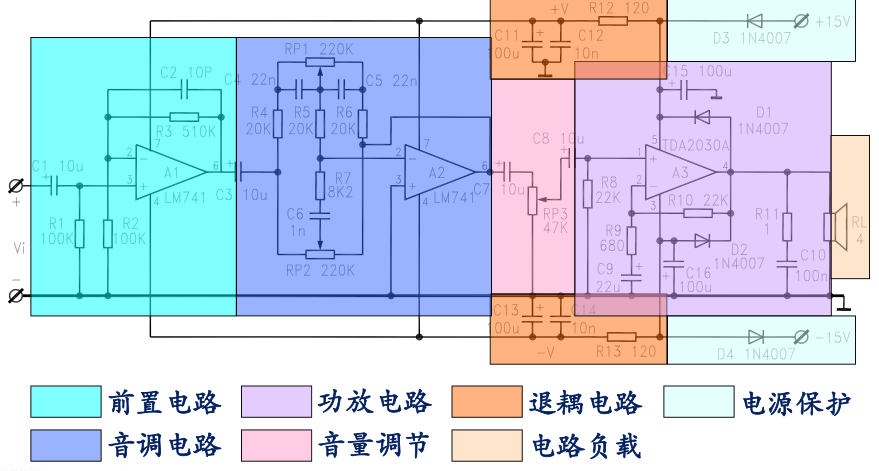


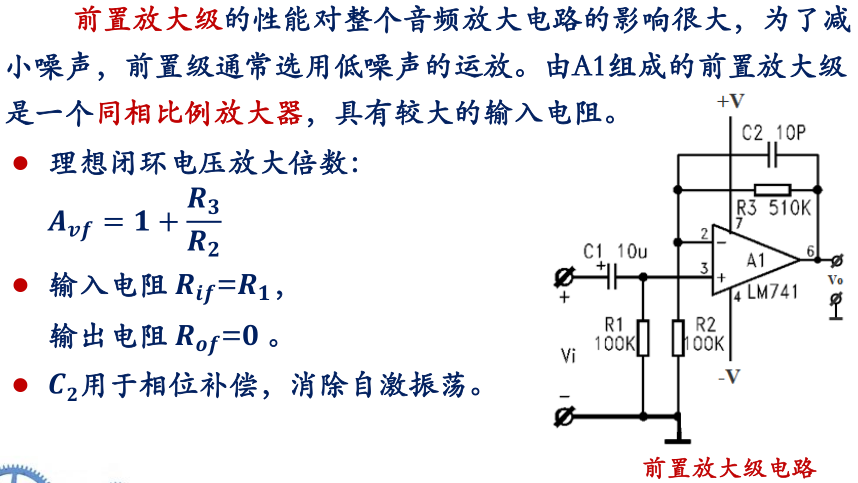
音频功率放大电路

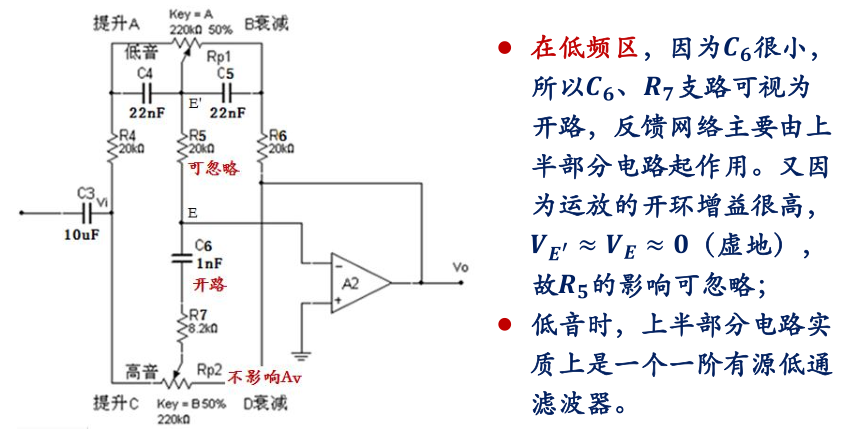
前置放大级（第一级）的作用简单说来就是“缓冲”，将外部输入的音源信号进行放大并输出。前置放大电路应该是一个高输入阻抗 、高共模抑制比、低漂移的小信号放大电路。

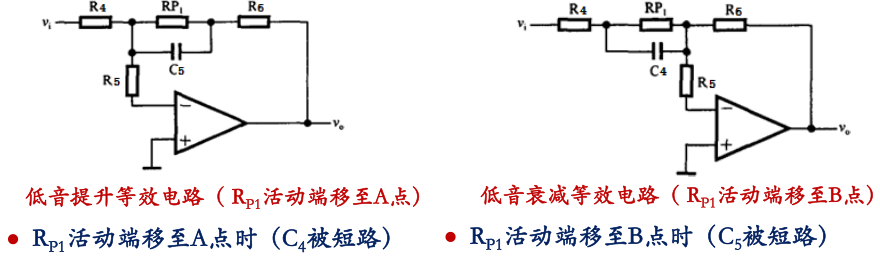
音调 控制 级（第二级） 由 低通、高通、带通等滤波器 组成，反馈型音调控制电路

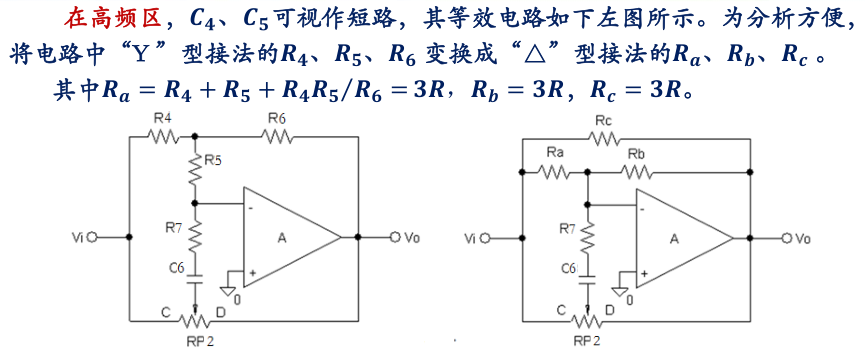
功率放大 级（第三级）

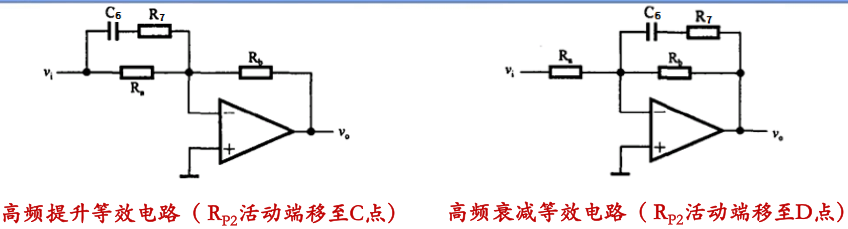




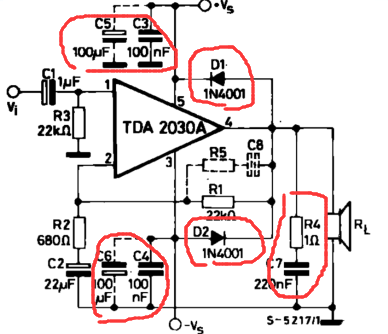


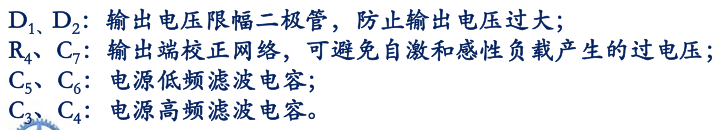


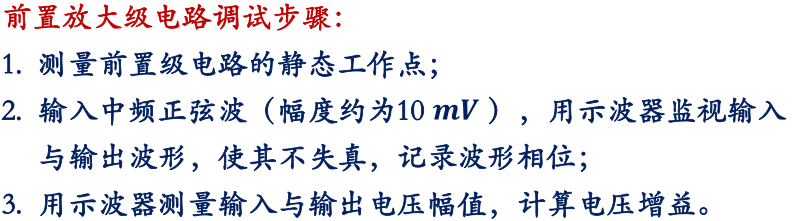


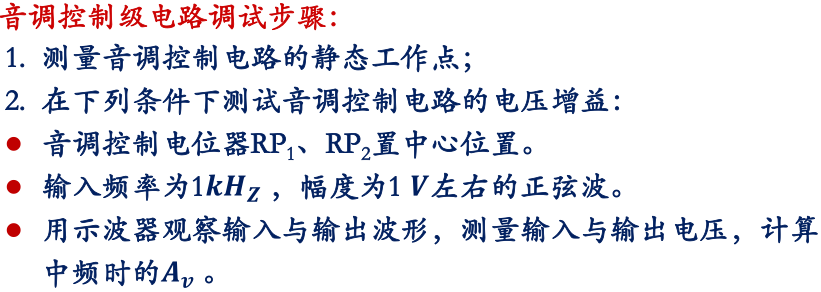


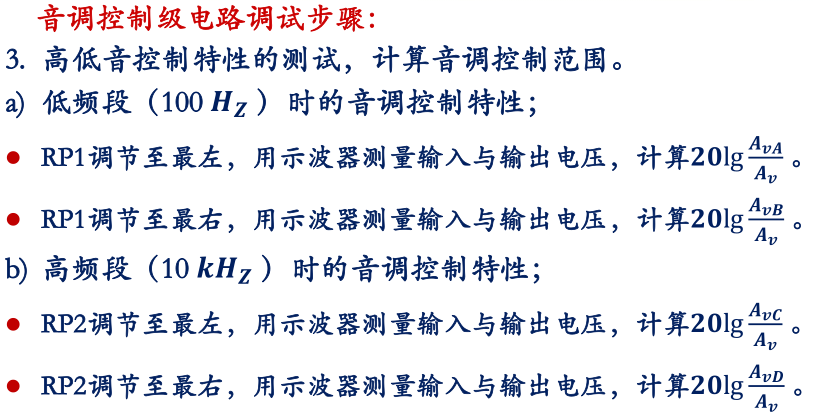


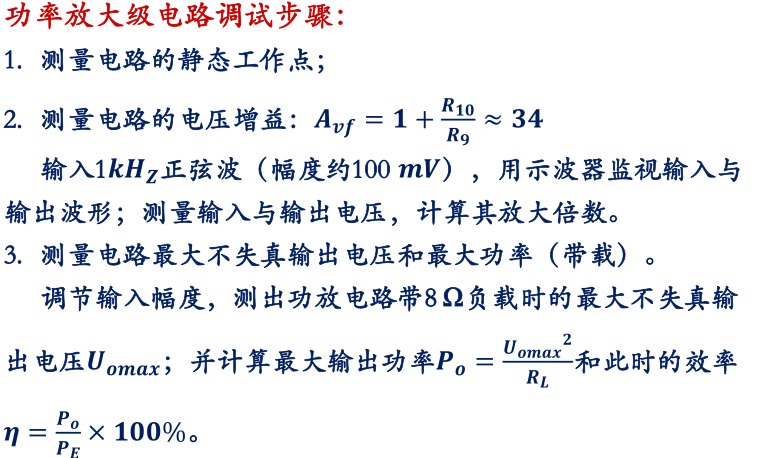


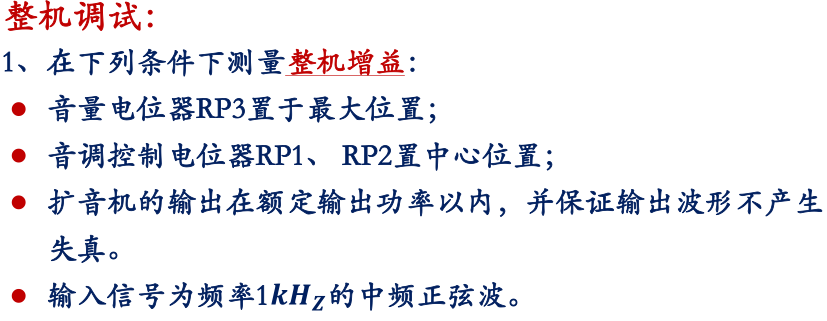


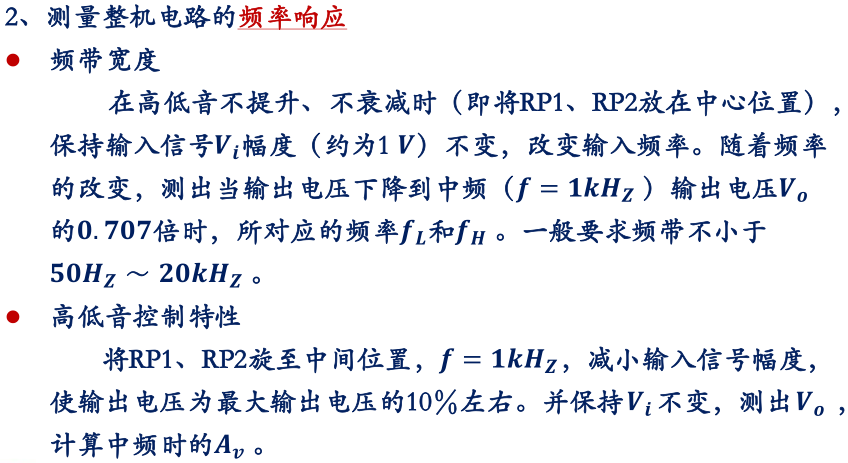


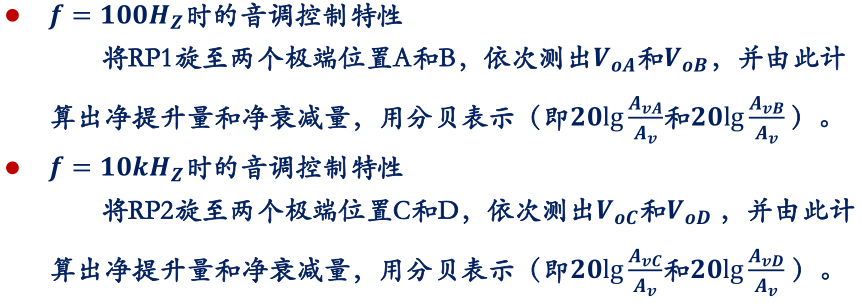


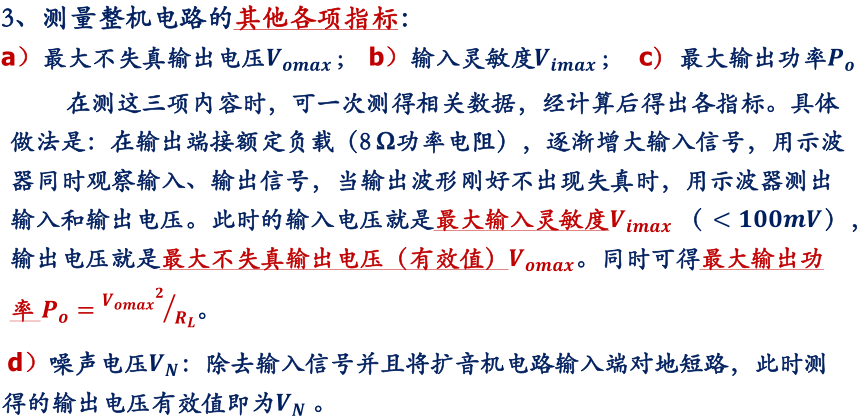




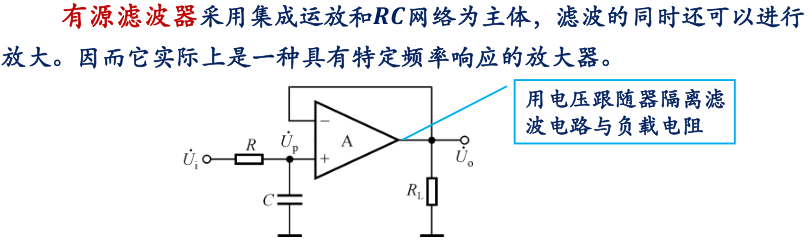








滤波器



同相输入LPF

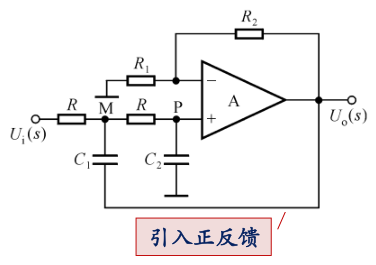
一阶

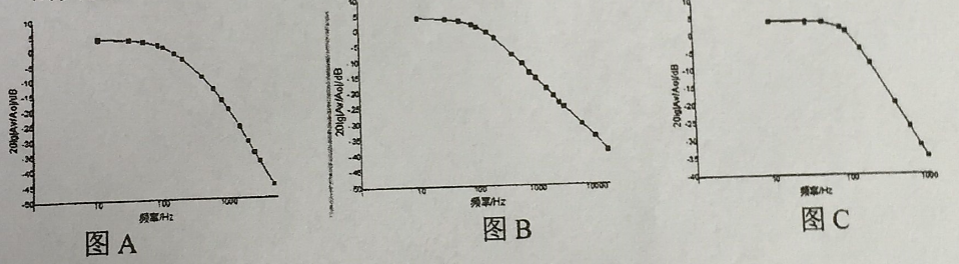




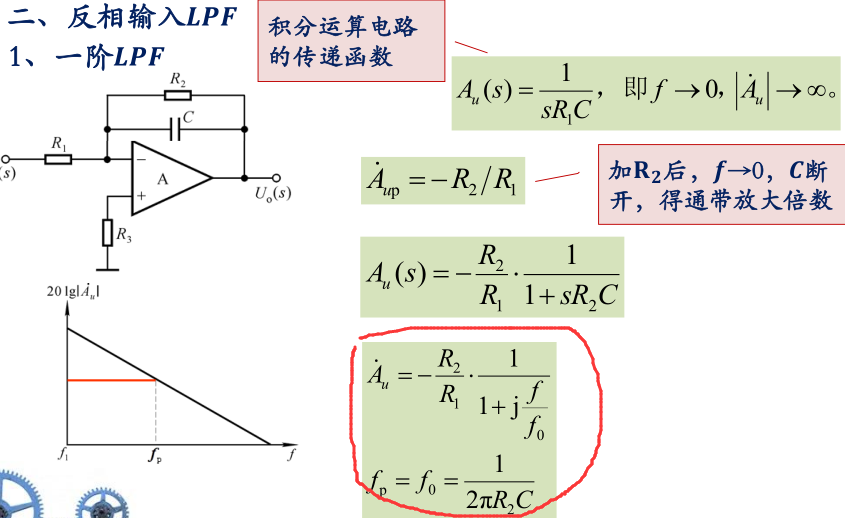


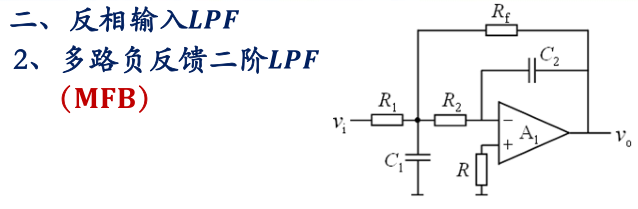
抬高f0处的幅频特性





简单二阶同相输入LPF，一阶同相输入LPF，压控电压源(VCVS)二阶LPF（Sallen-Key）





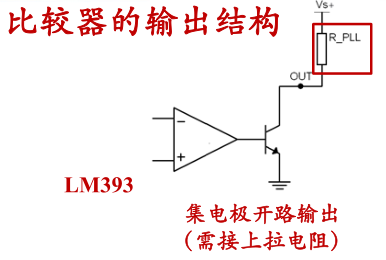
信号分解与合成

略

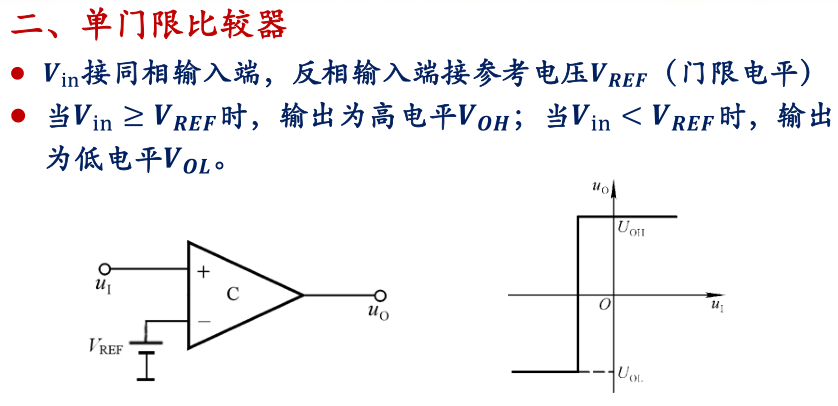
电压比较器

运算放大器可以作为低性能电压比较器

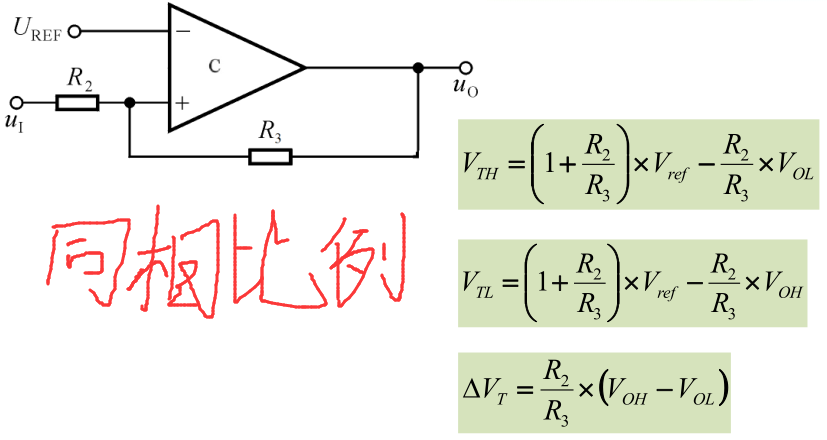
电压比较器不能作为运算放大器

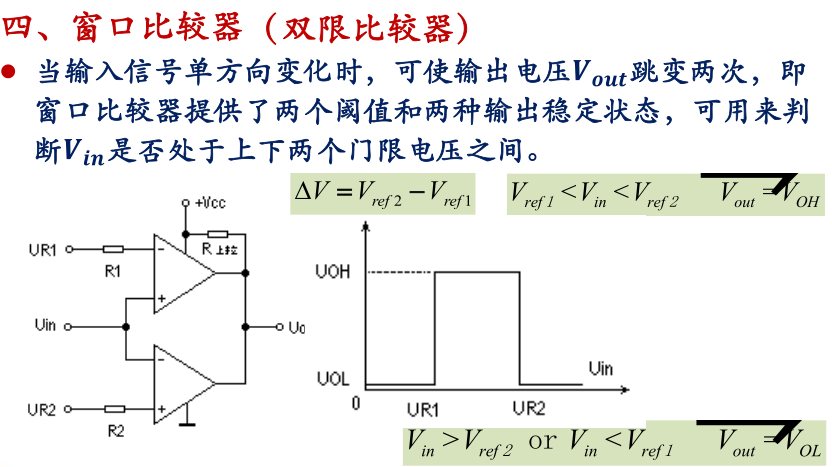


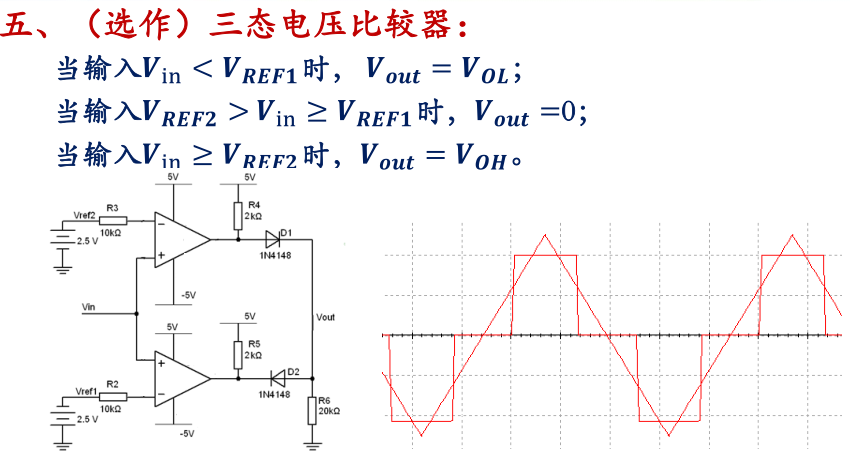




滞回比较器





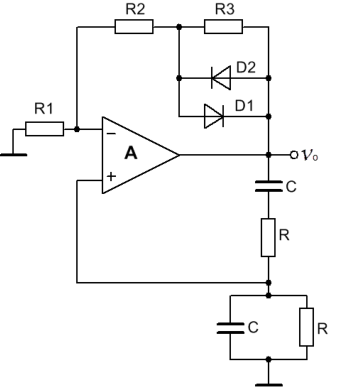


波形发生电路

RC桥式正弦波振荡电路

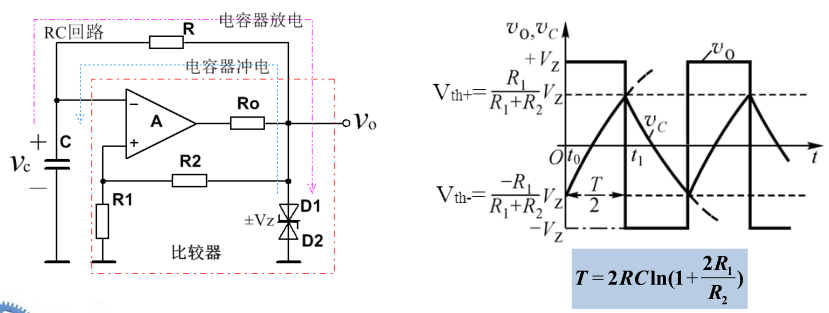
选频、反馈、放大、稳幅（二极管）

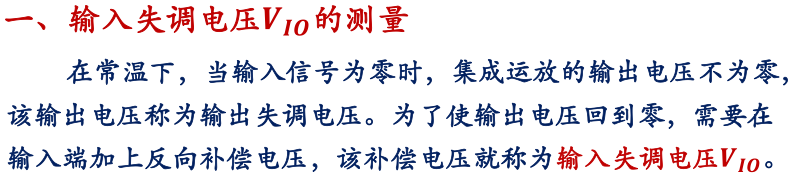


方波发生电路

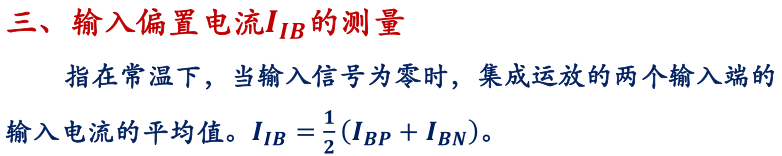
滞回比较器+RC积网络

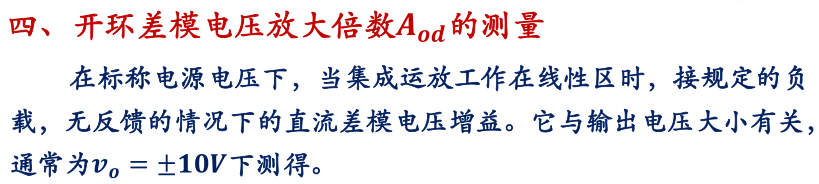


集成运算放大器指标测试



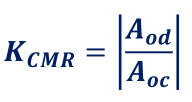














仪用放大器

