BJT Amplifier
Differential Amp (H.15)

20170211

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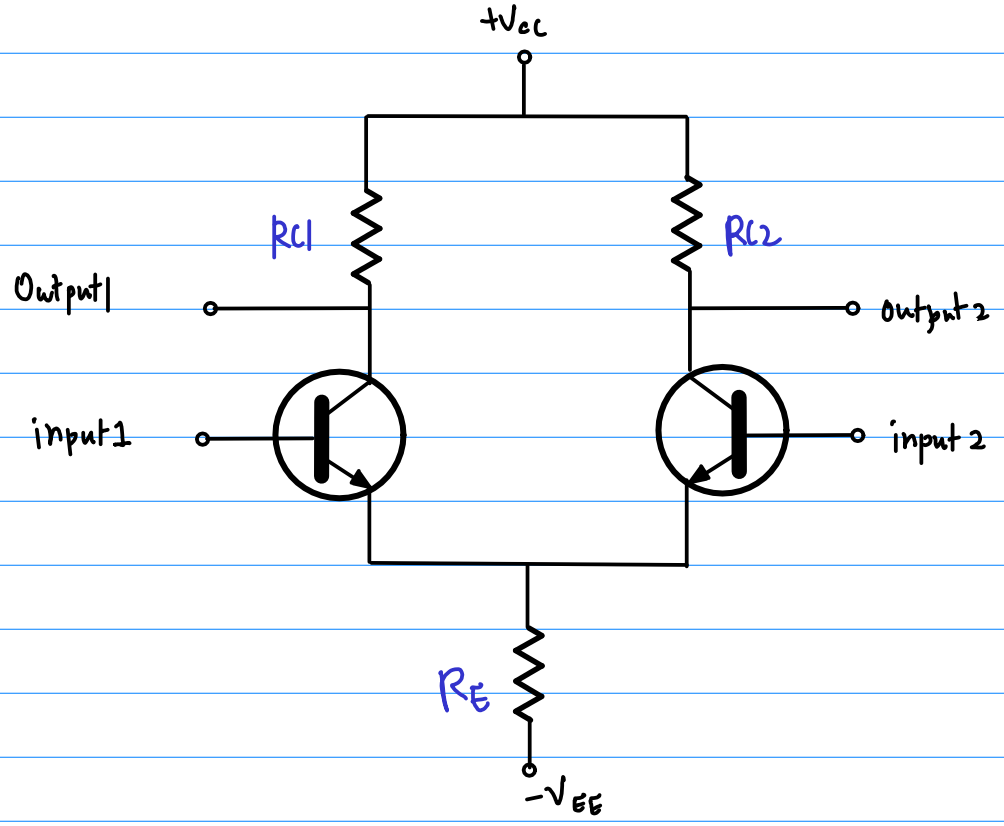
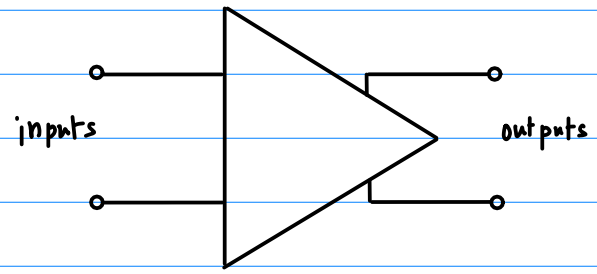
References

Based

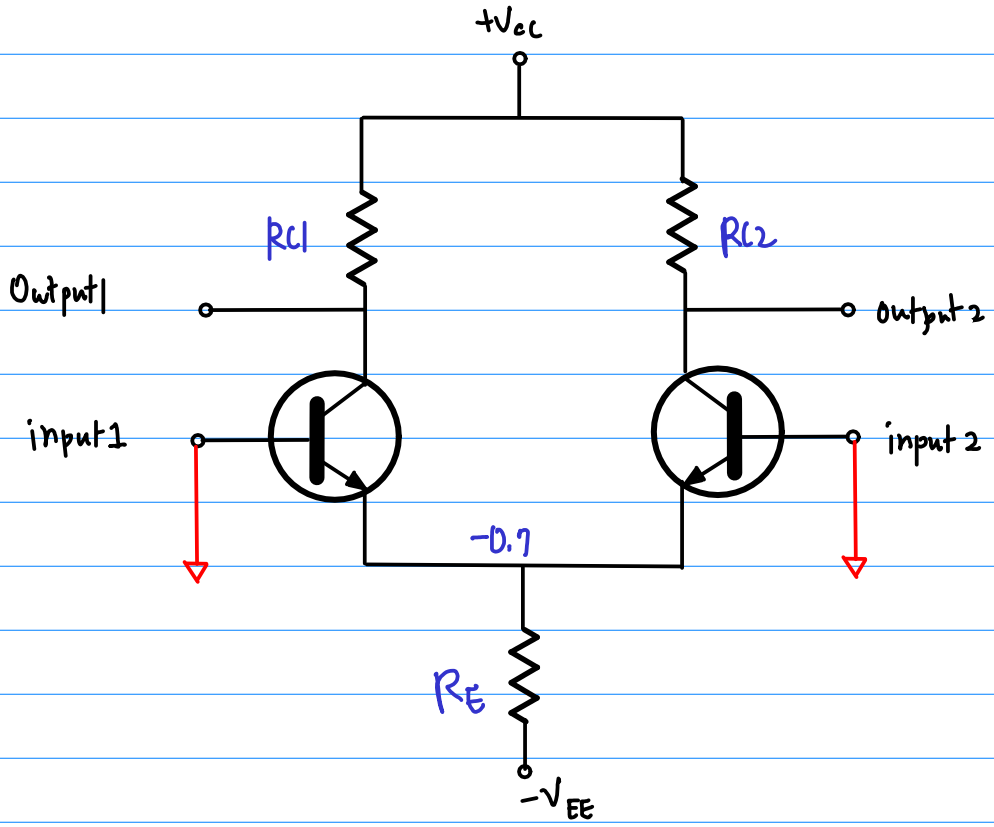
[1] Floyd, Electronic Devices 7th ed
[2] Cook,

[2] en.wikipedia.org

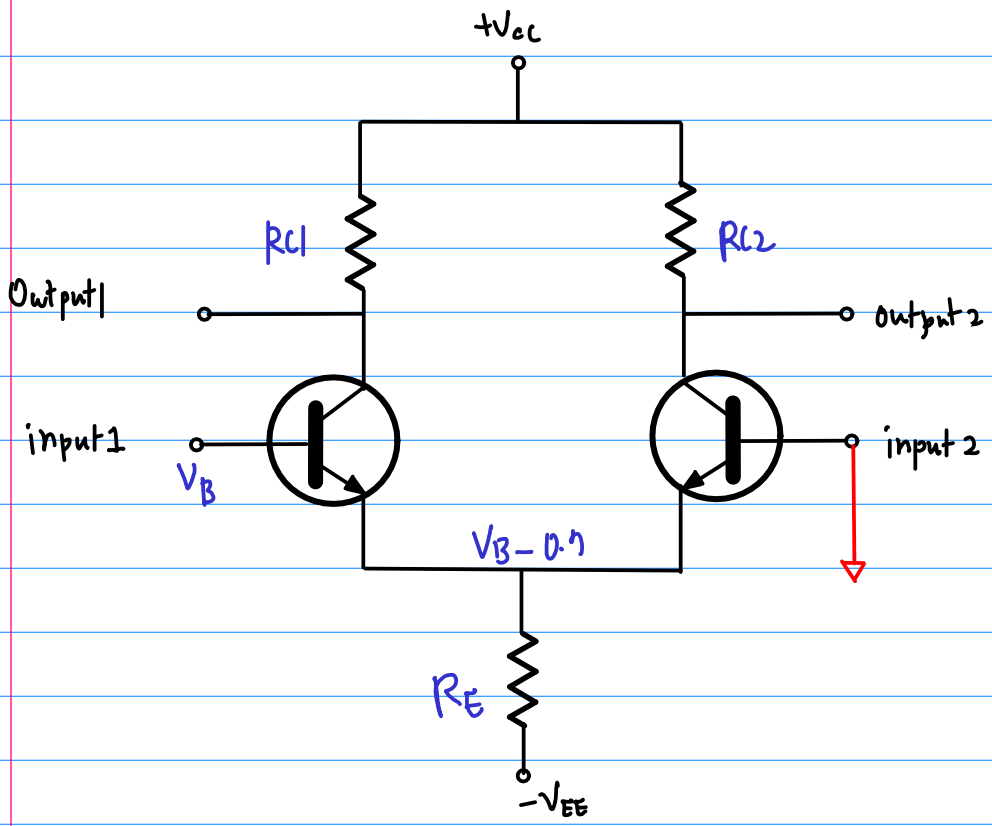

+Vcc
RC1
RC2
Output1
output2
input1
input 2
RE
-VEE


inputs
outputs

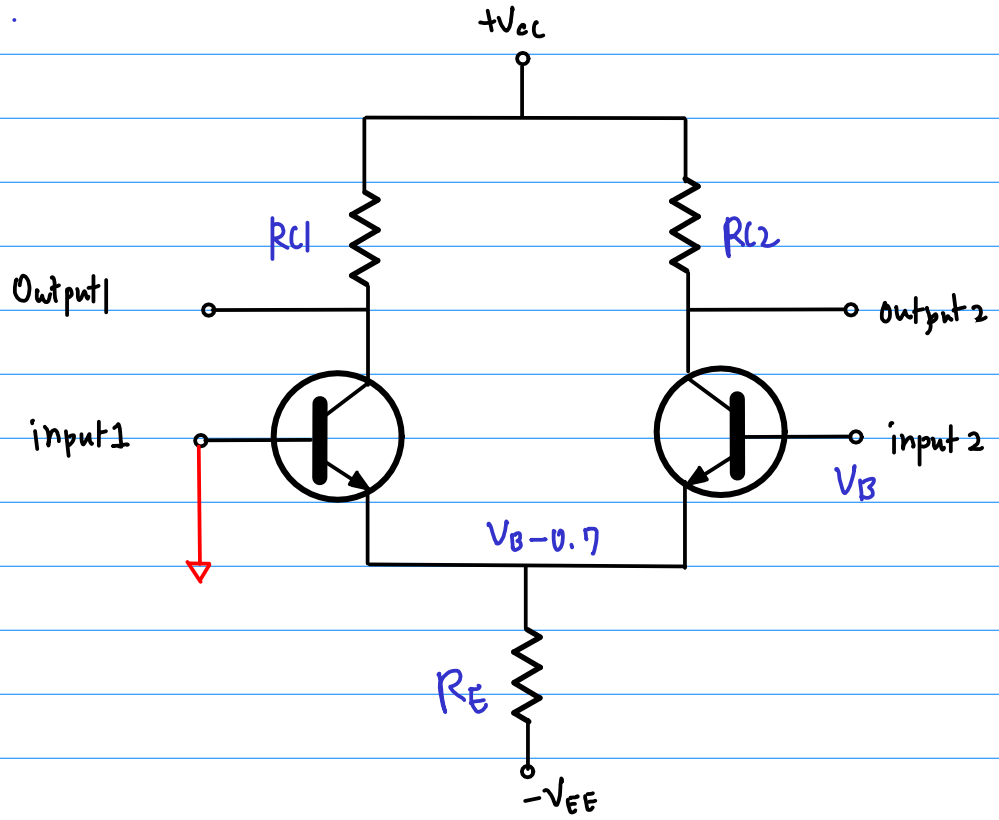
Both inputs are grounded



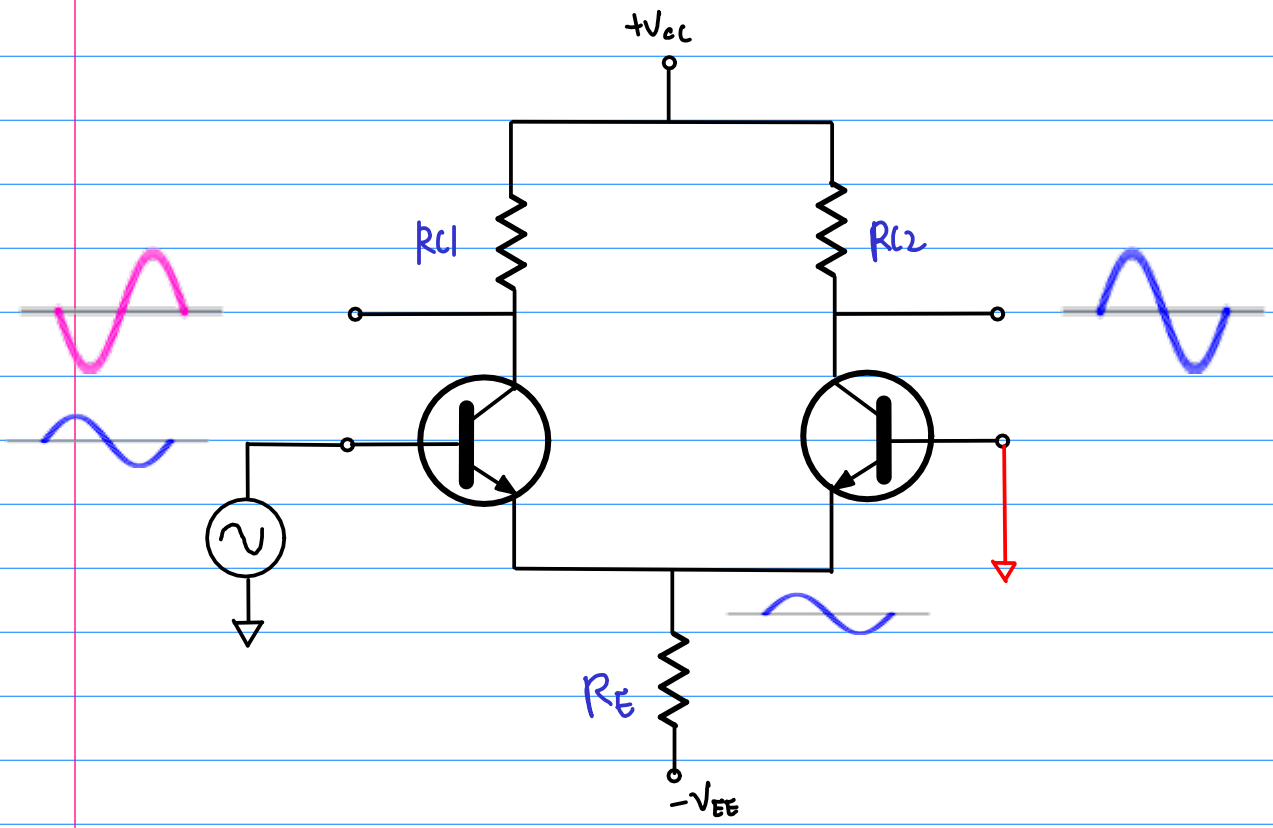
Bias on input 1 and ground on input 2

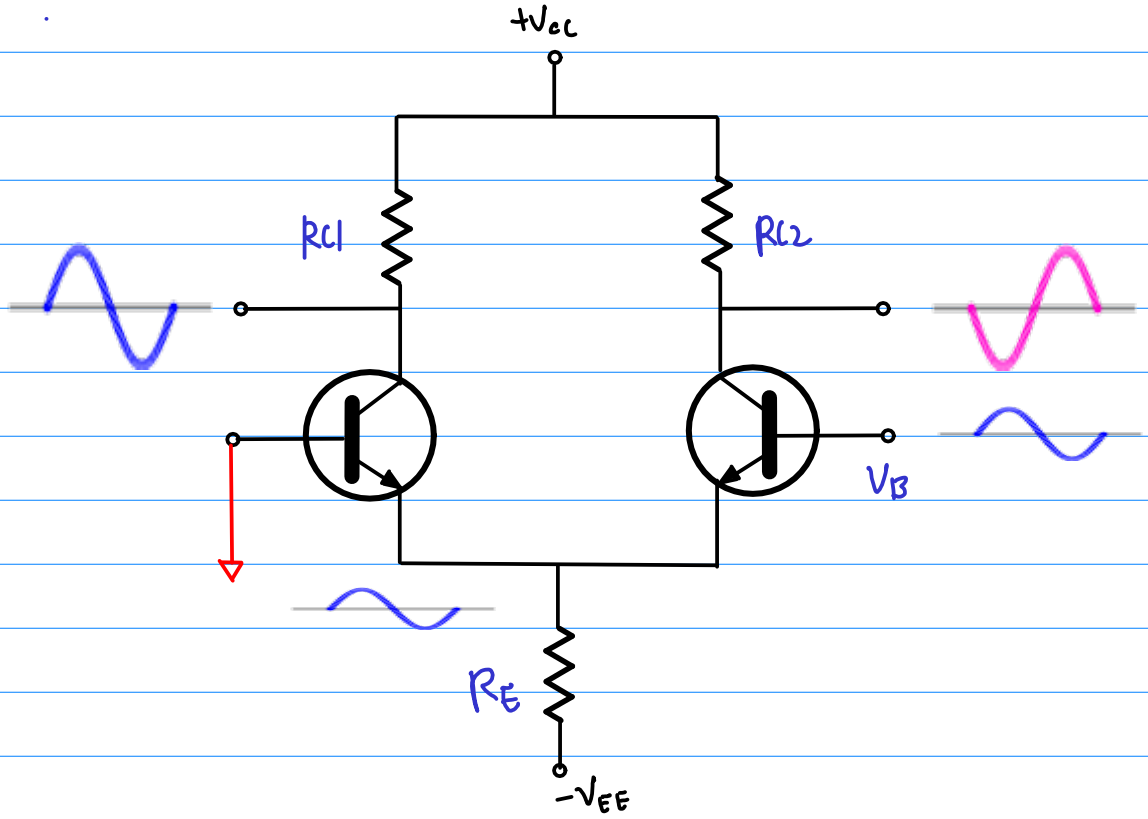


Ground on input2 and bias on input 1

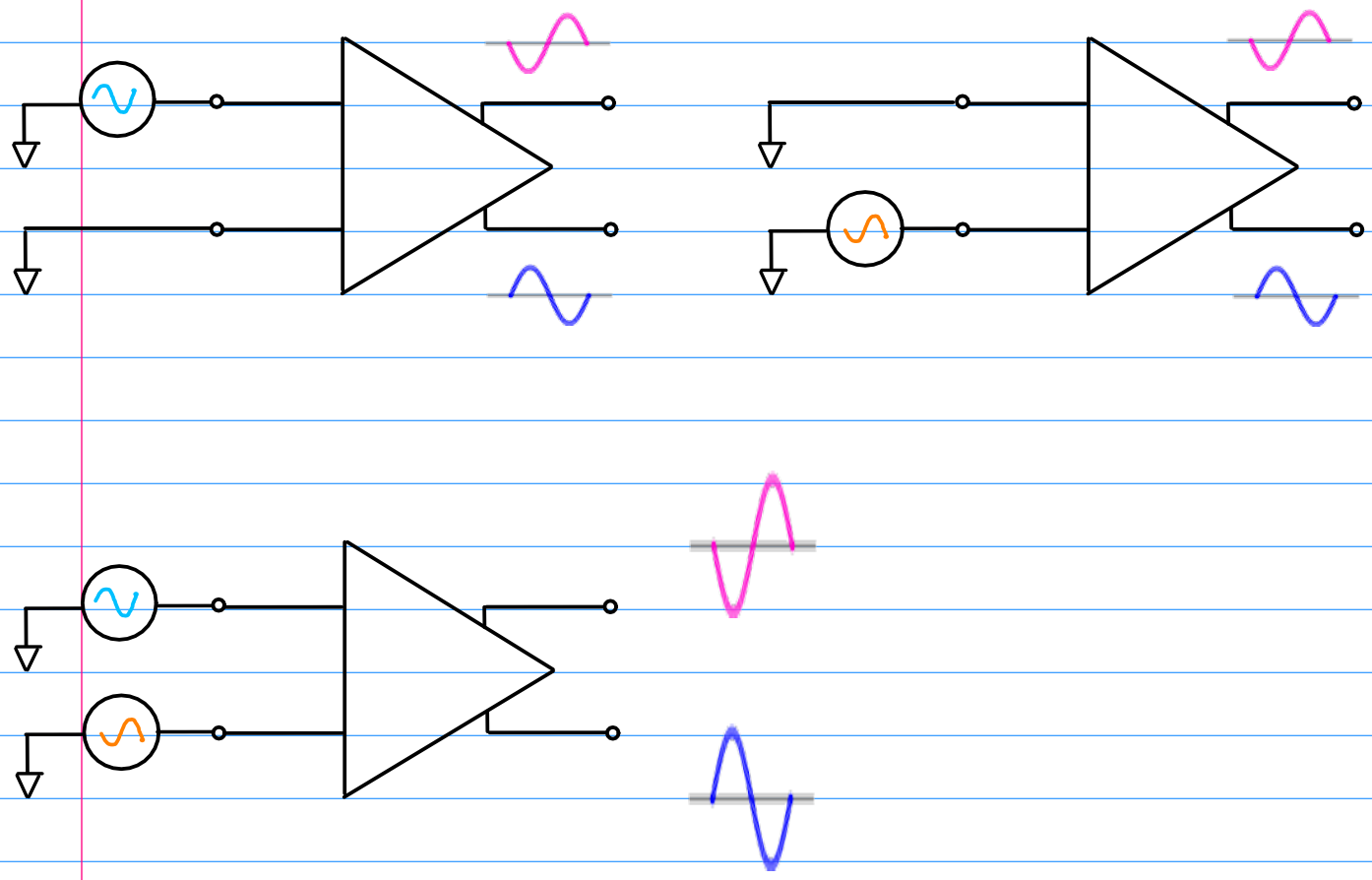


Single-ended input operation

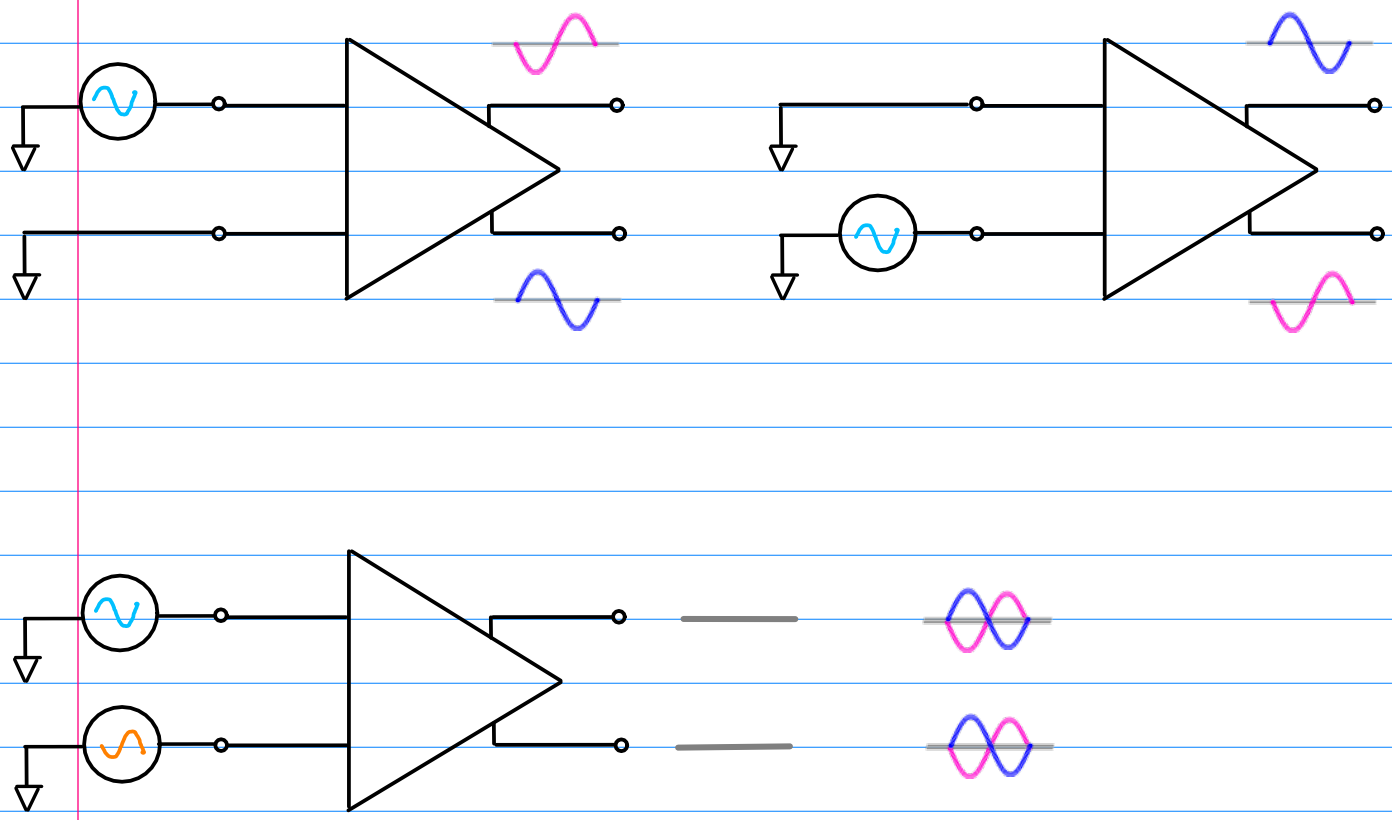


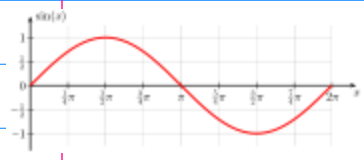


Differential Operation



Common Mode Operation




sin(x)
1
0
−1
π
2π