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2 Quizzes: { Feb. 7 6pm
Mar. 21 6pm.

Ch1 Signals & Amplifiers.

Ch2 Operational Amplifier - circuit building block.

Ch4 Diodes (i.e. LEDs)

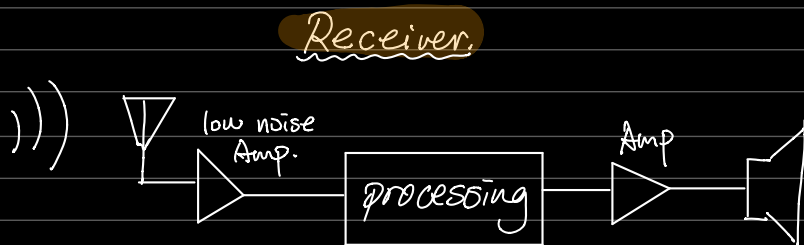
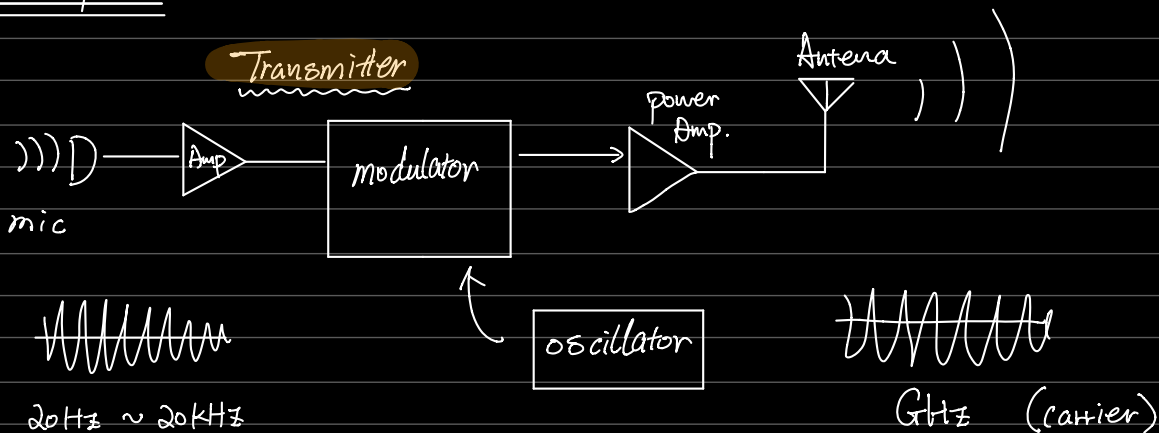
Ch3 Semi-conductor materials.

Ch5 MOSFETs

Ch6 BJT (Bi-polar junction transistor)

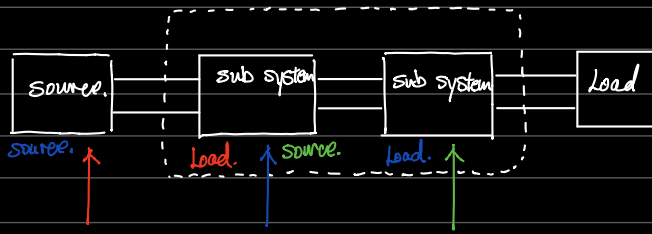
Ch7 Transistor Amplifiers. (MOS + BJT)

Cell phone



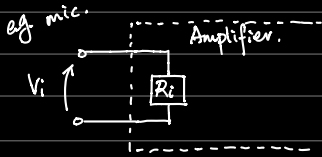
model an amplifier.



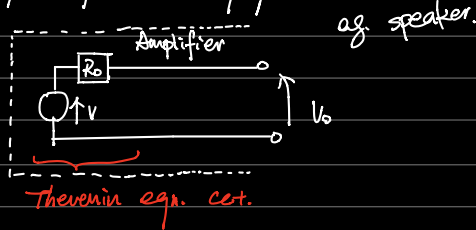


The box before is the source,
The box after is the load.

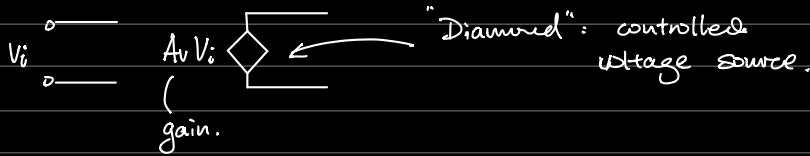
input of an amplifier.



output of an amplifier.



model the gain of an Amplifier.



put all together.

