

# TODAY - LAST LECTURE!

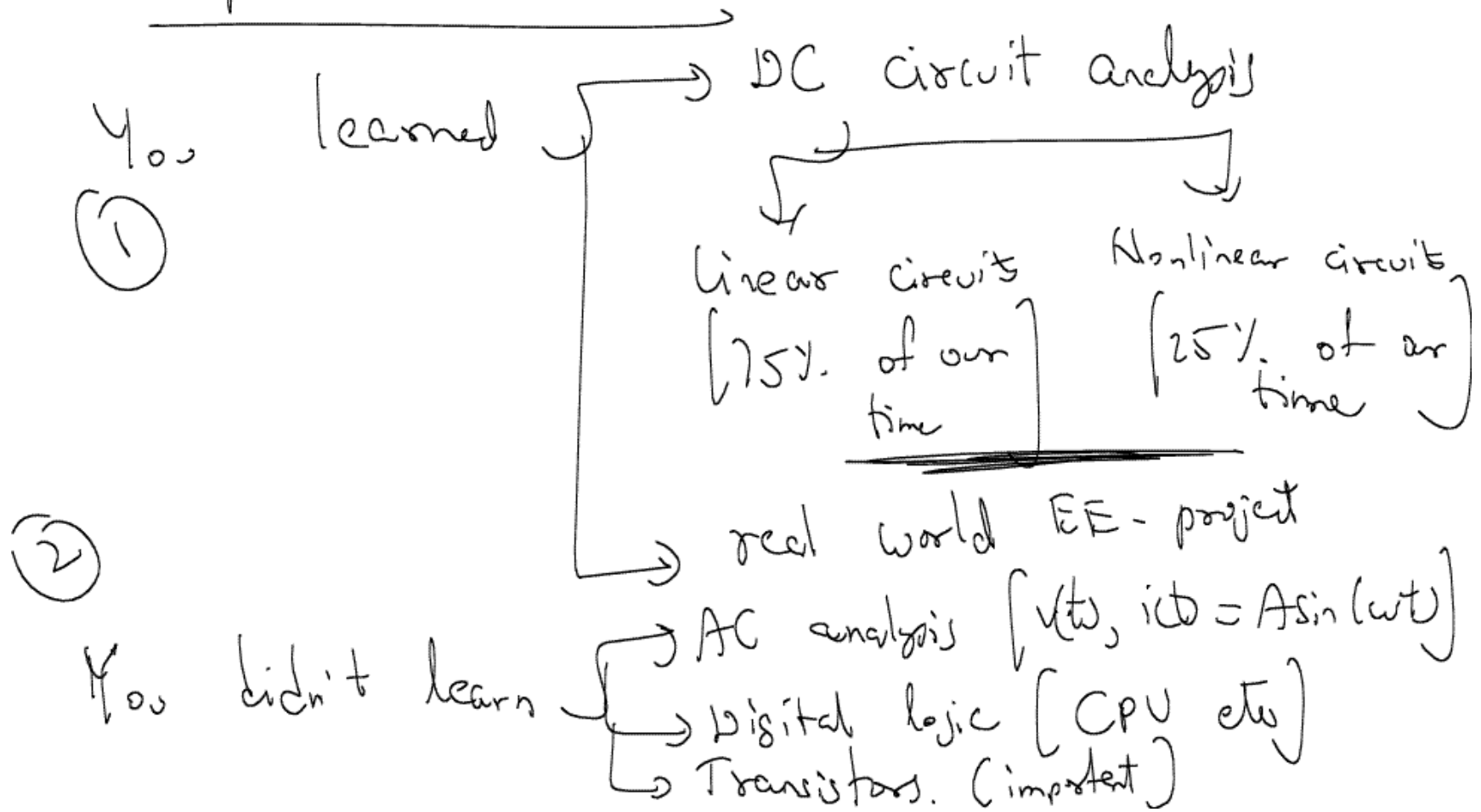
Administrivia Grades are getting updated.

↳ H-Web II will be graded by next Wednesday.

↳ Midterm rescores  $\Rightarrow$  go to us TA!

Next week: usual review (problems, review sessions etc)

# Recap the semester:



However, ① is more important ② because ①  
is very basic to EE.

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A note on transistors:

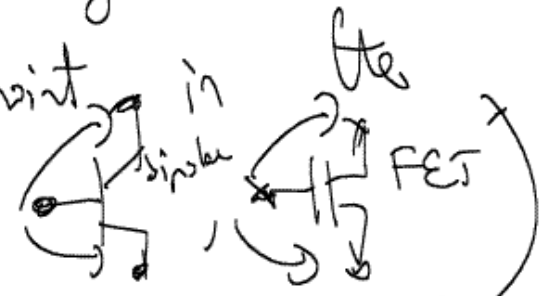
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① Why are they called transistors?

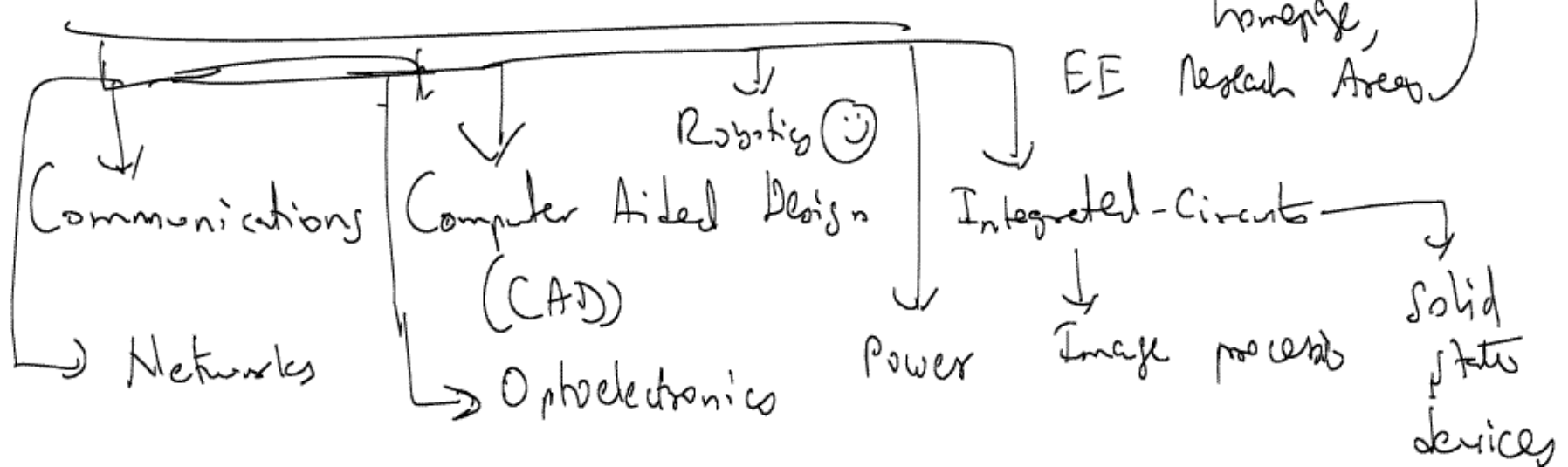
transistor → TRANSfer RESISTOR

It can transfer resistance between two points in  
a circuit without side effects,

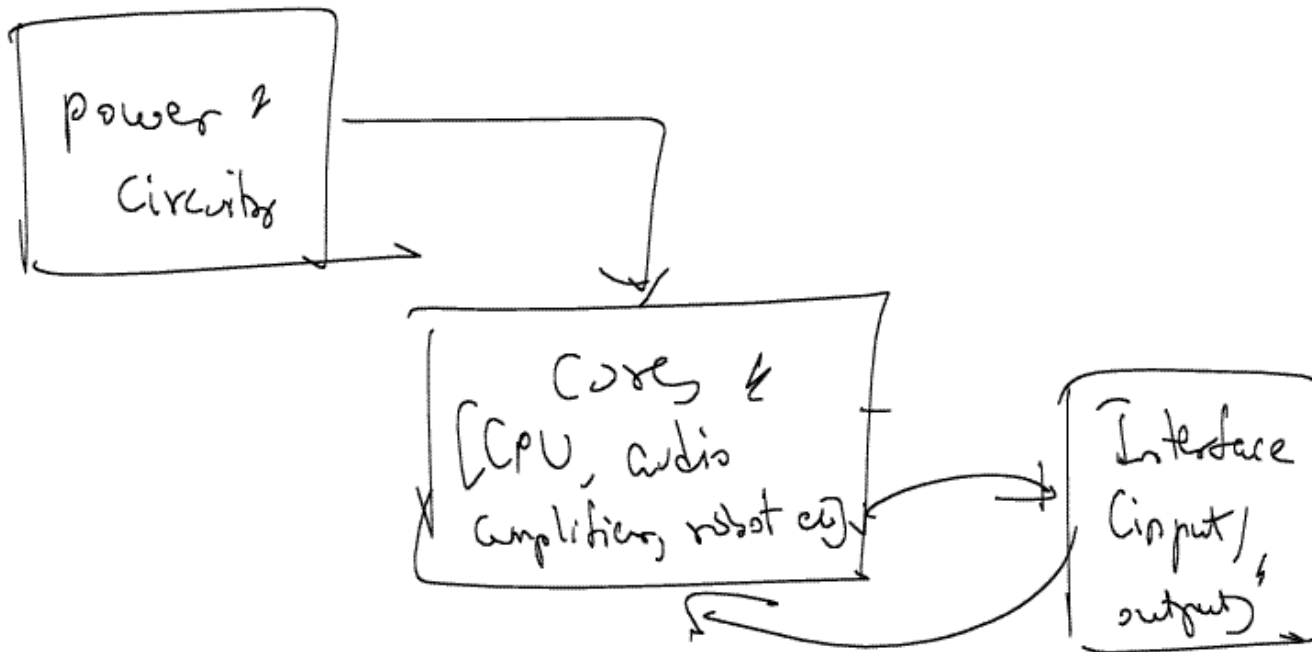
In other words since  $V=IR$ , you transfer voltage & current from one point in circuit to another. (Schematically:



Overall view of EE: (from Berkeley EE homepage,



Circuit theory is useful in any of the above branches (dub). But, a <sup>practical</sup> circuit can <sup>also</sup> be broadly divided into 3 blocks:



An example: ROBOTICS. My research 😊.

→ Building <sup>bipedal</sup> walking robots.

→ My advisers are Prof. Chao & Spong.

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What so researchy about it?

↳ answered on <sup>project's</sup> homepage:

<http://robotics.eecs.berkeley.edu/~mbhcart/reptar>

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## CONCLUSIONS:

- ↳ Thanks for being a great class. 😊
- ↳ DON'T FORGET FINAL 😞

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(Q1) How would you improve class?

- ① Redn labs → make em more interesting  
(eg: blow up stuff 😊)  
(which is NOT dangerous eg, resistors)

② More topics → No time 😞

③ Too many topics → no other choice.

④ Perfect will be incorporated. This was the first time, sorry 😞. But hey, you

are pulling through!  
⑤ C&ET Equipment in LAB (esp. wire control)

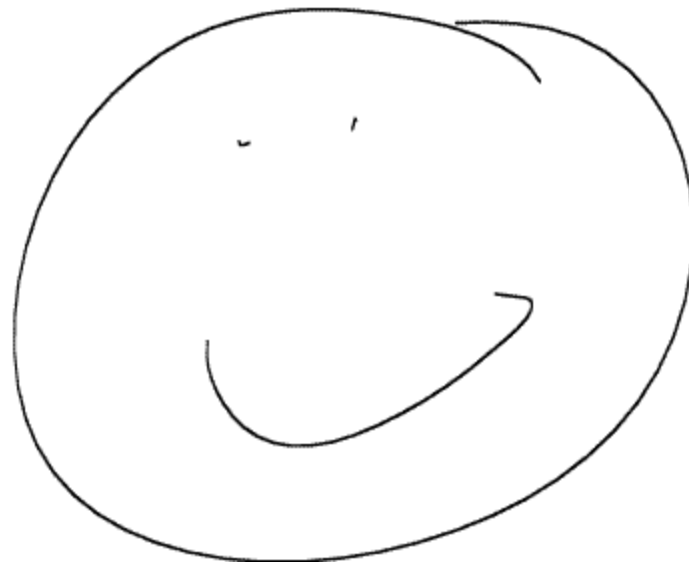
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⑥ What did u like about class } Fill out H&C  
↳ Book: No ??? } Joney on  
Tuesday!!



THANKS, Good luck.

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→ clap!

yaaaaa!