Lecture 26 — GRAPHICAL METHODS

Administrivia

Last HW set due on Friday 04/29 @ 1:00 pm

Corrections

Problem 2, ignore the -ve rail of the
Op-amp;

Assume op-amp never pulls

Semester is almost over!

Only one more lecture 😔

Your responsibility

I hate checking your scores online, I will update them by Thursday morning. Error: Post on Google groups, do NOT email me! We will not accept corrections after 5:00 pm.

06/05/05
Finish project. Although project report is due on 05/06/05 @ 5:00pm, all I need is final report (max. 2 pages).

- how to improve the project
- difficulties encountered
- qualitative explanation of how your circuit works.

Project is graded on neat wiring & how well your circuit works. Do turn in a report. If not I will assume you didn't do the project.

!!! Try to finish project by this week!!!
Note: Since final exam (Friday the 18th) is conflicting, PREPARE!!! Do NOT slack off! Talk next week.

Load-line method:
\[ E - iR = V \]
\[ E + V = iR \]
\[ i = \frac{i}{R}(E - V) \]
SERIES

\( V \)

\( 1 \text{mA} \)

\( 0 \tfrac{\text{mA}}{\text{V}} \)

\( R \)

\( R_{eq} = 2 \Omega \)
\[ i = i_1 + i_2 \]

\[ \text{Parallel} \]

\[ X \]

\[ \text{Series}: \text{Add vertically} \]

\[ \text{Parallel}: \text{Add horizontally} \]

\[ R_{eq} = 5 \, k\Omega \]

\[ R = 2 \, k\Omega \]

\[ \text{Conclusion} \]