If you did not submit the signed cover sheet, you got a zero. If you get one to me within the next two days, I will record the grade you would have gotten otherwise.

The prelim reports were graded on a 10-point scale. The points were broken down as follows:

- 5 points for the differential-equations solution.
  - 1 point for the correct differential equation.
  - 1 point for the derivation of the initial conditions.
  - 1 point for the particular solution.
  - 1 point for the homogeneous solution.
  - 1 point for the complete solution with a plot.

You had to provide the components of the solution yourself (it was not acceptable to plug the differential equation into, for instance, Mathematica and have it solve the equation for you). If you still have not worked out the correct differential equation, you should find that it is simpler to use node-voltage analysis (you can work the problem with mesh current, but it gets a bit messy).

- 3 points for the state-space solution.
  - 1 point for the state and output equations.
  - 1 point for the plot.
  - 1 point for the transfer function.

- 2 points for the narrative and presentation. Nearly all of you need to add a bit more to the narrative to explain what you are doing and what you’re trying to do. Too often there is a string of equations and nothing explains what was done to go from one to the next. Often circuit parameters are just written down, but where did they come from?

  Keep in mind that this is a report—not a lab notebook. There is no need to show failed work. We’re interested in the correct solution, not all the possible incorrect ones.

Most of you are on the right track but it is also clear that too many of you waited too long to get started on this. This stuff is not difficult but it certainly takes time. Please try to ensure your work is both correct and consistent. Think about what the steady-state solution must be for what is essentially a passive circuit with a dc source. Does your answer agree with the steady-state solution as time gets large? If not, something is wrong and you need to fix it.

If you are ever stuck, you can come see me. Some of you would certainly have benefited by coming to see me about this project (and not waiting until the last minute to do so).