

ECE 374 B ✧ Spring 2024

🌀 Homework 9 🌀

- **Submit your solutions electronically on the course Gradescope site as PDF files.** If you plan to typeset your solutions, please use the \LaTeX solution template on the course web site. If you must submit scanned handwritten solutions, please use a black pen on blank white paper and a high-quality scanner app (or an actual scanner, not just a phone camera).
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👉 **Some important course policies** 👈

- **You may use any source at your disposal**—paper, electronic, or human—but you *must* cite *every* source that you use, and you *must* write everything yourself in your own words. See the academic integrity policies on the course web site for more details.
 - **Avoid the Three Deadly Sins!** Any homework or exam solution that breaks any of the following rules will be given an **automatic zero**, unless the solution is otherwise perfect. Yes, we really mean it. We're not trying to be scary or petty (Honest!), but we do want to break a few common bad habits that seriously impede mastery of the course material.
 - Always give complete solutions, not just examples.
 - Always declare all your variables, in English. In particular, always describe the specific problem your algorithm is supposed to solve.
 - Never use weak induction.
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See the course web site for more information.

If you have any questions about these policies, please don't hesitate to ask in class, in office hours, or on Piazza.
