

Homework 14 (Optional Extra Credit)
EE 381 Electric & Magnetic Fields (Fall 2024)
Monday, December 9, 2024

- 1) PE8.8 Also, find the vector magnetic fields in each region.
- 2) PE8.10 Hint: Find inductance and energy for 1 m length of solenoid.
- 3) 8.33
- 4) 8.42
- 5) 8.48 As part of solution, find magnetic flux through loop due to each line current.

- This is an optional extra credit assignment. If you choose to do it, I will replace your lowest HW or quiz score (whichever helps the most).
- There will be at least one question dealing with this material on the final.

Due Thursday, December 12, 2024 by 11 am at my office or EECS mail box.