

## HW 10 – Faraday’s Law & Maxwell’s Equations

Due November 13, 2009, 5 pm

1. Griffiths 7.12, (p. 305). Draw a picture to help explain your thinking.
2. Griffiths 7.18, (p. 310). Explain why you want an MRI machine to always be on an uninterruptable power supply.
3. Griffiths 7.20, (p. 315).
4. Griffiths 7.27, (p. 320).
5. Griffiths 7.28, (p. 320).
6. Griffiths 7.32, (p. 324).
7. Wangsness, 18-20, (handout, p. 296). Assume constant current.