

## Electricity and Magnetism, PHYS 340 Problem set 2

1. Problem 2.18 (2.18).
2. Problem 2.20 (2.20).
3. Problem 2.24 (2.24).
4. Problem 2.28 (2.28)
5. Problem 2.29 (2.29)
6. Problem 2.34 (2.32).
7. Problem 2.43 (2.39).
8. Problem 2.55 (2.50).
9. Problem 2.56 (2.51).

### Supplementary problems B:

- B1.** Problem 2.26 (2.26).
- B2.** Problem 2.35 (2.33).
- B3.** Problem 2.36 (2.34).
- B4.** Problem 2.39 (2.36).
- B5.** Problem 2.42 (2.38).
- B6.** Problem 2.52 (2.47).
- B7.** Problem 2.54 (2.49).

(Numbers from Griffiths book, 4<sup>th</sup> edition; in parentheses, to the 3<sup>rd</sup> edition)