

**Homework 5**  
**EE 381 Electric & Magnetic Fields (Fall 2024)**  
**Monday, September 30, 2024**

- 1) PE2.4 Let  $\bar{A} = 6\hat{a}_r - 2\hat{a}_\theta + 3\hat{a}_\phi$ . Assume  $\bar{A}$  and  $\bar{B}$  are at same point.
- 2) 2.1ac
- 3) 2.4
- 4) 2.5
- 5) 2.10
- 6) 2.27
- 7) 2.32
- 8) 2.33

**Due Friday, October 4, 2024.**