

### Engineering 6813 Assignment 3

Due: Fri., Oct. 9, 2009

1. Problem number 8.20, page 256 of text. It may also help to review Section 5.3 of the text.
2. Problem number 8.26, page 257 of text.
3. Problem number 8.31, page 257 of text. Consider the current to be uniformly distributed within the shell.
4. Problem number 8.34, page 258 of text.
5. Problem number 9.1, page 299 of text.
6. Problem number 9.3, page 299 of text.
7. Problem number 9.5, page 300 of text.
8. Problem number 9.7, page 300 of text. It may help to study pages 222-223 of the text.
9. Problem number 9.18, page 301 of text.
10. Problem number 9.23, page 302 of text.
11. Problem number 9.27, page 303 of text.