

Homework Problems V

PHYS 425: Electromagnetism I

1. Griffiths Problem 5.30
2. Griffiths Problem 6.7
3. Griffiths Problem 6.13
4. Griffiths Problem 6.16
5. Griffiths Problem 6.21 Hint: do a line integral using Equation 6.3
6. Griffiths Problem 6.24 Hint: take a gradient of the answer to (b) in the previous problem, or use Equation 6.3 directly to get the magnetic forces