

Homework Problems IV

PHYS 425: Electromagnetism I

1. Griffiths Problem 4.12 Hint: when the constant polarization vector is “taken out” of the integral, what remains is the same integral as that needed in the “field of a sphere with uniform charge density”.
2. Griffiths Problem 4.18
3. Griffiths Problem 4.26
4. Griffiths Problem 5.3
5. Griffiths Problem 5.6
6. Griffiths Problem 5.25