

**Homework Assignment #22**

(due Oct. 9, 2020, 11pm, via gradescope)

1. Griffiths 4.15

Hint: The mentioned two methods are what you do in parts (a) and (b). In class, Oct. 7, we started an example which practices the approach for this problem. You find on our course page my notes with example completely solved.

2. Griffiths 4.16

Hint: For parts (b) and (c) use the surface charge.

3. Griffiths 4.17