

Homework Assignment #28

(due Oct. 29, 2020, 11pm, via gradescope)

1. Griffiths 5.14

Hint: For part (b) $J = k s$. Express k with I by using the equation you obtain for $\int J da = I$.

2. Griffiths 5.15

Hint: See lecture on Oct. 26.

3. Griffiths 5.16

Hint: You may use the result for one solenoid, that is Eq. (5.59). Make a sketch of the system.