Hw-19 Due: 25 Dec 2016

Use the current loop in the figure to check the following for any point (x, y, z)

$$\oint (\hat{\boldsymbol{r}} \cdot \boldsymbol{r}') d\boldsymbol{l}' = -\hat{\boldsymbol{r}} \times \int d\boldsymbol{a}'$$

