# workshop 6

### problem 5.2

See book.

$$\cent{Omega}$$
 Tip  $1\ dyne\cdot cm=10^{-7}J$ 

## problem 5.5

See book.

#### problem 5.6

#### (i) Note

This is a variant of the Ruchardt experiment. I don't know if it's mentioned in class but see following video for more information.

 $https://www.youtube.com/watch?v=e1VDAa4ttOc\&ab\_channel=Caltech\%27sFeynmanLectureHall$