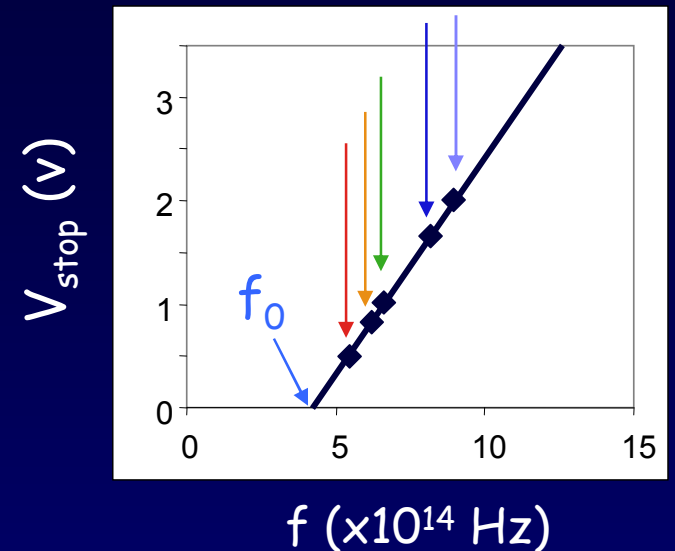


Act 1

1. If the workfunction of the material increased, how would the graph change?

- a. Increased slope
- b. Increased f_0
- c. Both a and b



2. We now shine on light with frequency $2f_0$. What effect does doubling the intensity (i.e., the power) of the incident light have on the current of emitted electrons?

- a. doubles
- b. stays the same
- c. decreases