

Capacitor Lab

AP Physics C: Mr. Perkins

Denny Cao

Due: February 22, 2023

$$I = 10 \text{ A}$$

$$\vec{B}_W = \frac{\mu_0 I}{2\pi r}$$

$$\vec{B}_W = \frac{2 \cdot 10^{-6}}{r}$$

$$\vec{B}_W + \vec{B}_E = \frac{2 \cdot 10^{-6}}{r} + 0.0004$$