$$\frac{\beta = \frac{A_0}{25}}{\beta(n)}$$

$$E = \frac{\sqrt{10}}{\sqrt{10}}$$

b) 
$$T = \frac{I_0 t}{T} t + I_0 I(0) = I_0 I(T) = 0$$

$$I_1 = \frac{\mu_0 I_0 \alpha}{2 \pi R T} (n(\frac{1 + \alpha}{\alpha}))$$

$$= \frac{\mu_0 I_0 \alpha}{2 \pi R T} (n(\frac{1 + \alpha}{\alpha}))$$

$$= \frac{\mu_0 I_0 \alpha}{2 \pi R T} (n(\frac{1 + \alpha}{\alpha}))$$

$$I_1$$

$$= \frac{\mu_0 I_0 \alpha}{2 \pi R T} (n(\frac{1 + \alpha}{\alpha}))$$