$$\Gamma_{\text{BLS}} = \frac{2}{5} |\chi|^2 \frac{2K^3}{3} |\vec{E}^{\text{ext}}|^2 \qquad \chi = \frac{13}{2K^3}$$

$$P_{\text{tals}} = \frac{1}{\sqrt{\pi}} \left(\frac{2e\omega}{v^2 x} \right) P(\frac{\omega b}{v x}) Im |x_p|$$

In 11/x1 = - 2K3

$$(\vec{a} \otimes \vec{b})\vec{c} = \vec{a}(\vec{b} \cdot \vec{c})$$

$$= \left(\frac{a_1(b_1c_1 + b_2c_1 + b_3c_3)}{a_2(b_1c_1 + b_3c_3)} \right)$$

$$= \overline{a}(\overline{b} \cdot \overline{c})$$

$$(\vec{k}^2 + \vec{\nabla} \otimes \vec{\nabla}) \left(- \right)$$

$$k^{2}(1-\hat{k}\otimes\hat{k})$$