$$P_{2}(t) \approx \frac{p^{2}}{4t^{2}} \int d\omega \frac{\rho(\omega)}{\varepsilon_{0}} \frac{\sin^{2}\left(\frac{(\omega-\Omega)}{2}t\right)}{\left(\frac{(\omega-\Omega)}{2}t\right)^{2}} t^{2}$$

$$Q - kgn$$

$$x := \frac{(\omega - \Omega)t}{2} = 2x = \omega t - \Omega t = 2x + \Omega t$$

$$\omega = \frac{2x}{t} + \Omega t$$

$$d\omega = \frac{2}{t} dx$$

$$P_{2}(t) = \frac{\beta^{2}}{4t^{2}} \frac{2}{t} \qquad \begin{cases} dx & \frac{\rho(x)}{\epsilon_{0}} & \frac{\sin^{2}x}{2} & \frac{t^{2}}{t^{2}} \\ -(x\cos^{2}) \cdot \frac{t}{2} & \frac{1}{2} & \frac{1}{2} \end{cases} \qquad \omega = \frac{\Omega + \sin^{2}x}{2} + \frac{1}{2} \qquad \omega = \frac{1}{2} + \frac{1}{2}$$

$$Q_{2}(t) = \frac{1}{2} + \frac{1}{2$$

$$\frac{1}{2}(t) = \frac{3^2}{44^2} \underbrace{\frac{1}{2}}_{t} \underbrace{\frac{1}{2$$

$$P_{2}(t) = \frac{p^{2}t}{2t^{2}\epsilon_{0}} \int_{-\ln 2t}^{\ln 2t} dx \ \rho(x) \frac{\sin x}{x^{2}}$$

$$-(\ln 2t)^{\frac{1}{2}}$$

$$\simeq \Pi S(z)$$

$$P_{2}(t) = \frac{f^{2}t \pi}{2h^{2}60} \rho(2=0)$$

$$P_{2}(t) = \frac{f^{2} t \Pi}{2t^{2} 60} \cdot \rho(\Omega) =$$

$$\frac{dP_2(t)}{dt} = \frac{p^2 \pi}{2t^2 60} \rho(\Omega)$$

$$w = \int_{-\infty}^{\infty} t \, k \, du = \frac{2x}{t} + x$$

$$2 = \pm k \, a \, t \, \left(\frac{t}{z}\right)$$

$$2=0 \Rightarrow \frac{(\omega-\Omega)t}{2} = 0$$

$$\Rightarrow (\chi | q t neneparyth) (\omega-\Omega)$$

$$p(\Omega) \rightarrow \frac{p(\Omega)}{3}$$

$$\langle \mathcal{E}^2 \rangle = \langle \mathcal{E}_{0x}^2 + \mathcal{E}_{0y}^2 + \mathcal{E}_{0z}^2 \rangle = 3 \langle \mathcal{E}_{0z}^2 \rangle \Rightarrow \langle \mathcal{E}_{0z}^2 \rangle = \frac{1}{3} \langle \mathcal{E}_{0z}^2 \rangle$$

$$\frac{\sqrt{dP_2(t)} = \frac{3^2 \pi}{6 t^2 60} \rho(\Omega)}{dt}$$

$$\Rightarrow \frac{\int_0^2 \Pi}{6 \, h^2 \, \epsilon_0} = B_{12}$$

$$812 = \frac{3^2 \pi}{6 \, \text{t}^2 \, \text{co}}$$

Papa Tir anjouereuseis, Tir snoter kanage erov una jogistia, in odera zina o'u Evan Suvarav va una jogistación of suvie estés Einstein Evos Sista guinou outriparos