Jadson (-5(9)

(6.117) tells us 
$$\vec{P} = \frac{1}{c^2} \int \vec{E} \times \vec{H} d^3 \times$$

$$= \frac{1}{c^2} \int \vec{\Phi} \vec{J} d^3x - \frac{1}{c^3} \vec{\nabla} \times (\vec{\Phi} \vec{\Pi}) d^3x.$$

This quartity is small provided [4H3], [EH2] are small

The same argument extends to  $\int [\bar{\nabla} \times (\bar{\Psi} H)]_{2,3} d^3 \times$ so FH small at boundary of V makes Sox(FH)d3x small, which makes  $\overrightarrow{P} \simeq \frac{1}{2} \cdot \sqrt{4} \cdot \overrightarrow{d} \cdot \overrightarrow{d} \times$ To make the argument more precise, suppose [EH3] 13 some slowly ranging quantity that we can take to be constant, further ne take the volume V to be like a sphere, then [[eH3]|ydrdy ~ [eH5]|y(R2) If he next this to transh like R, he need [9Hz] by go like R3. This means &HCx,y, 2) should go like 1/R3 where 1/x3, y3, 23, 里用人xxx,那以为了。里用了个方面。

Daydson Chens.