$\begin{cases} \vec{E} \cdot d\vec{k} = -\frac{d}{dt} \int_{s_{1}}^{B} d\vec{s}_{2} \\ = -\frac{d}{dt} \int_{s_{2}}^{B} d\vec{s}_{2} \\ = -\frac{d}{dt} \int_{$

 $\oint_{C} \vec{H} \cdot d\vec{l} = \iint_{S_{1}} d\vec{S}_{1} + \frac{d}{dt} \iint_{S_{1}} \vec{D} \cdot d\vec{S}_{1}$ $\oint_{C} \vec{H} \cdot d\vec{l} = \iint_{S_{2}} d\vec{S}_{2} + \frac{d}{dt} \iint_{S_{2}} \vec{D} \cdot d\vec{S}_{1}$ $\oint_{C} \vec{H} \cdot d\vec{l} = \iint_{S_{2}} d\vec{S}_{2} + \frac{d}{dt} \iint_{S_{2}} \vec{D} \cdot d\vec{S}_{2}$ $\oint_{C} \vec{H} \cdot d\vec{l} = \iint_{S_{2}} d\vec{S}_{2} + \frac{d}{dt} \iint_{S_{2}} \vec{D} \cdot d\vec{S}_{2}$ $\oint_{C} \vec{H} \cdot d\vec{l} = \iint_{S_{2}} d\vec{S}_{2} + \frac{d}{dt} \iint_{S_{2}} \vec{D} \cdot d\vec{S}_{2}$

 $\Rightarrow 6 \ \vec{3} \cdot 4 \vec{3} + 4 6 \vec{0} \cdot 4\vec{3} = 0 \Rightarrow -4 \left(1 + 4 \right) \vec{7} \cdot \vec{3} \cdot dV = 0$

8 H.dl = 5 3.43

B) Rporouz cabhnéa $\pi \epsilon \delta ia \left(\frac{\partial}{\partial t} \neq 0 \right)$ $\delta = \delta \vec{L} = -\frac{1}{4} \int_{S} \vec{B} \cdot d\vec{S}$

9 B. 63 -> ozabepå av E Edponen

to >> 6 B. 13 = 0

 $\Rightarrow \frac{d}{dt} \left| \left\{ \left(\overrightarrow{\beta} \cdot \overrightarrow{D} - \beta \right) dV \right\} \right| = 0$

από τον χρόνο

EZIONGEIS Maxwell OE Siapopien μορφή

Ομοια προκύπεει από 9 B. 43=0 ότι 7- B =0

Opora, $6, 3.43 = -\frac{1}{4}$ $\phi dV \Rightarrow \overrightarrow{J} = -\frac{3\phi}{3t}$

8, B. 43 = 5, p dv (5v) 15

 $\lim_{\delta V \to 0} \frac{5}{\delta V} = \frac{1}{2} \cdot \vec{D} = \vec{p}$

8 B. 93 = 0

多. 33=0