D3 14 1. Daho! R=0.5m, E=4, Em=200 B/m, t=605

 $\langle S \rangle = \frac{1}{2} \sqrt{\frac{\epsilon \epsilon_0}{\mu_0}} E_m^2$ 

W= 4x R2. - 1 FEG Em. + = 2 × 10 4 DM

2.2011

A AL

Sinds = dw dt

P= Sw. S=2EHTRh 0

9Hdf=[I+=00).5

2HzR= das

H= EEOdE S JE 2TR

Du D norty rown ! \$\overline{D} = \overline{95} \text{wds} = \frac{\varepsilon\_E \text{dE}}{dE} \frac{\varepsilon}{2\pi\_R} \cdot 2\pi\_R \cdot h

= = EqoVdE2 TE 3

 $W = \frac{240}{2}E^2V = \frac{1}{1}\frac{dW}{dt} = \frac{240V}{2}\frac{dE^2}{dt}$ 

(3) = (4)