13 regers 0 myn 6(Ade)= 25x+ Lemenne. No Darw: 6) U=U0sin60t/ YI 3 + = # (15) mr. nor me R, h/hccR), E H(Ha Hac) momentalm 6KCIR B-? (B(R)) wolpsyround

H.270R= = = 70 = H= RB D=4750=475. = 475. = 411 1 1 2 = CU; C= ETR 2 D= 4 EXR USING = EUSING & B bozgyze p=1, m.e. B=H
Omben: B= \(\omega\) N2 | Demenne: Dano: $\vec{S} = \frac{1}{4\pi} (\vec{E}, \vec{H})$, spece $\vec{E} \perp \vec{H}$ M; \vec{S} U = Eh = rE = Uosin & E97. W.2) H= 60 R. EU. COSCOT (ung N1)
S= 4 Mosincot 60 R. EU. COSCOT = 60 REUS

S= 4 Mosincot 60 R. EU. COSCOT = 8 M/2 - 2-25ih ω t cos ω t = ω κε μο sin 2 ω t P= S. Πωκ = ω κε μο 2 λοκ h. sin 2 ω t = 16π/2 2 λοκ h. sin 2 ω t = 16π/2 2 λοκ h. sin 2 ω t = 16π/2 2 λοκ h. sin 2 ω t = 16π/2 2 λοκ h. sin 2 ω t = 10 λοκ μου 2 λοκ h. sin 2 ω t = 10 λοκ μου 2 λοκ h. sin 2 ω t = 10 λοκ μου 2 λοκ h. sin 2 ω t = 10 λοκ μου 2 λοκ h. sin 2 ω t = 10 λοκ μου 2 λοκ h. sin 2 ω t = 10 λοκ μου 2 λοκ h. sin 2 ω t = 10 λοκ μου 2 λοκ μου 2

= CORFEUE sin260t $W = \frac{Cu^2}{2} = \frac{E\pi R^2}{4\pi h} \cdot \frac{U_0^2 \sin^2 \omega t}{2} = \frac{ERU_0^2 \sin^2 \omega t}{8h} \sin \omega t$ $W = \frac{ER^2U_0^2}{8h} \cdot 2 \sin \omega t \cdot 6 \cos \omega t = \frac{\omega R^2 EU_0^2}{8h} \sin \omega t$ Ombern: $\varphi = W = \frac{\omega R^2 EU_0^2}{8h} \cdot \sin 2 \omega t$