Фотография 1	
Burer NIE Dano: r= 10 M; N=0, 5.10 M; N=4, a=1,	E
Peure: +2= N/ 1/ // N/ ab	Jones = (W)
$ar^{2} + br^{2} = Nlab;$ $ar^{2} = b(Nla - r^{2}) = > b = Ma - r^{2} = 1$ $= \frac{1.0^{-6}}{4.0.5.0^{-6}l - 10^{-6}} = 1M - Orber.$	5un Peur
5uner N17. R m; l; R; B; V-? Bull R Peul-e: mg = FA	
	\$
$ \frac{1}{mg} \left\{ F_{\alpha} \right\} = \frac{E_i \text{ no } 3 - hy }{e} = \frac{d\varphi}{dt} = $	E
mg = - IBlsind (sind=1,7.K.d=90°)	E, Pro
$I = -\frac{mg}{B!};$ $\mathcal{E}_{i} \subset \partial p. \operatorname{doponts}_{i} = IR = -\frac{mg}{B!}R;$ (2)	5
$-\frac{mg}{Bl}R = -BlV_{g} = > V_{g} = \frac{mgR}{B^{2}l^{2}} - O_{7}l_{eT}.$ (2) (1)	5
Buneτ N 18. Dano: ω, I ; jen -?	k = Per
Peur-e: $I = \langle 1S1 \rangle = \langle EM \rangle$, $H = E \sqrt{\frac{E_0}{\mu_0}}$ $EM = E^2/\frac{E_0}{\mu_0}$; $\langle EM \rangle = \frac{1}{2} E \sqrt{\frac{E_0}{\mu_0}} = I = \rangle E^2 = 2I \sqrt{\frac{\mu_0}{E_0}}$	ui s
$E = \sqrt{2I/\mu_0}$	

E = Encos (wt-kx) 1 - 00 5 D = 8. E. ST = Cow Em = WE. E = E. W/2IVE -= (w /21 E. VEO 40) - Or Ber. Buret N19. Dano. 9; I; +; +, 8; 9-? Q-? Perre: Q= I'Rt, R= 8%; S- 71 => R= 712 Q= I 3gl + OP = S 2711; S = EH; Y my Maxch. $E = \frac{U}{d} = \frac{IR}{R} = \frac{I \cdot gl}{gl} = \frac{Ig}{2\pi k} = \frac{Ig}{\pi k^2}$ EM = 138 SOTTH = I => H= I 277 + SOTTH = 520 + 277 + EH = IT IS = 13/2 3; Ps = EH. 21111 = 13/2 21 2111 = 13/2 21 21111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 2111 = 13/2 21 21111 = 13/2 21111 = 13/2 2 MOTOR Poza Openie t. 95 - T'gl t 3 narut, 9: Qom-nerye Siner N20 (CM N497 Cem N7) Dunet N21. Dano: L= 6, 5.10 H; 1=672,8.10 M; S1=0,02.10 m K=3: N-7d-? Pery-e: R= 1 = kN = = N= 1 = 672,8.109 = 11213 untimob - na Boro dreiny penietky (na 65 MM) => => Nrasum = 41213 2 173 morpuxa na s ma

d= 1 = 6,5.10 = 5,8 10 = 5,8 MKM OTBET: Nue 1 MM = 173; d = 5,8 MKM Buret N22. Dano: R=6cm; w=1000€; Wm-9 Bur Peure: U= Umsin (wt) $W_{2n} = \frac{CU_m^2}{2} = \frac{\varepsilon_0 \pi R^2}{2} \frac{1}{2} U_m^2 ; E = \frac{U}{d}$ Uznemenne on none borzotbaet TOK cheusenine jun = Ot = Ot (E.E) = Ot (E. In sin wt) = Um Eow coster To upulodus a boznick. mark none B(+) (na pad. p-rung or yentpa unacrunos locu). & Bdl = Ho Icn = Ho jen TIN2 B. 271 = 40.77+2 806 Um cos wt $B = \mu_0 + \varepsilon_0 \omega \frac{U_m}{2d} \cos \omega t$ $W_m = \int_{-20}^{20} \frac{13^2}{2d} dV$ dV= # 12d - 17 (r+d+)2d = 17+2d - 17+2d + 2# + dr. d - dr. 17d observences to rey. dr construction managery = 2TIrdr.d Wm= \$ (= Eo Umwr Mo. 1 . ws w +) 2. 1 27 r. d. dr = = 5 1 E2 Um w2 12 10 T2 cos cut - 240 27 1 d dr =









