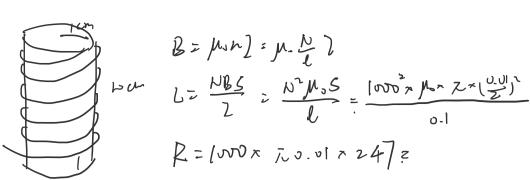
## 课后题

2022年6月2日 星期四

上午9:02



- 1) IP+ L dl = 2. 2 = dt=-2d2. 招 I= ミル1. L=ce-だt
  - Ict = = (1-e-ft) > 3 B 2-0.  $\frac{dl}{dt} = \frac{\varepsilon}{R} e^{R} t + R = \frac{\varepsilon}{1} e^{L} t + R = \frac{\varepsilon}{1}$
- いり もコイカ、 フ= を
- 13) T = 1 =
- 加量三一片、七二点加工工
- Wm = W =
- 2. w ( ) B= 0 0 cr ca Mo 1 acr ch 0 r> b
  - Wi Zho Mill 2 , Gords. W= [ do ] roudr = Jus 1 dr = 820 la.
  - (1) B= MoI. acresh. W= Me luzh AW= ! ( ha · ha) · ! ha
  - (3) W= 3 1/2 M2, Wy = 1/2 M2. 麦かiBds= jn. WALNAM A= Shdr (iBdS Wy = W 1 AW. = Miller
    - 医地方的与尼切马的一切。

 $=\int \left(\frac{1-x}{x}+1\right)\sqrt{1-(x-1)^2} dx$ 

 $\int -\frac{1}{\sqrt{-x^2+2x}}dx = -\arcsin(x-1)$  $= \sqrt{-x^2 + 2x} - \left(-\arcsin(x - 1)\right)$ 

 $=\sqrt{-x^2+2x} + \arcsin(x-1)$ 

 $B = \frac{M}{2\pi r} I_{2}$   $P^{2} - (r^{2} - r(dre) + (R+d))$   $P^{2} = (R \cdot ds)$ 

= John I, JP-12-radi dr + Poter Iz 12 12-17-d-Rj dr

- = [d+2/2 / L2] 2/2d+d2-r2-2(d+/2)r dr = M.J.> (d+2) - 1/22- (r-vot) 2) dr
- = p. I2 ld- [a2-12")
- :. W= M2, 12 = \$2, 12 = \$2, = pol, li (d- \d2.122).

4. (1) W= 支L12. 对视的和子m为成. r= Jb2+2 Bm= Momas

= [ Bmr r 2 50 do do .

= Mom som = mmp = 2 1 b + 32] = .

I = Bm = Momp?

(2) (2) - 33 B= (10 1dd r

> ml rdo x zh = rhol 2 2 /rtz /r22  $W = m \cdot B = \frac{m r \mu_0 2}{2 \sqrt{\mu^2 r^2}} - \frac{\mu_0 m^2 b^4}{4 L(b^2 + 2^2)^3}$ 

2 10 12 ( ) bar of 1 dr 二人が、一方はは十んち、二人が十人でから

L= 200 = M. + Mi h=