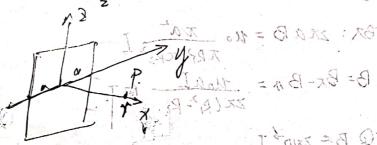
(2) 
$$B = \frac{\mu_0 n}{2} I \sqrt{\frac{2}{(R_c)^2 + (\frac{R}{2})^2}} = \frac{\mu_0 n}{2} I \sqrt{\frac{2}{R_c} + \frac{\sqrt{5}\mu_0 n}{10}} I \approx 5.6 \times 10^{-4} I$$

由对称位于知磁场的生物。

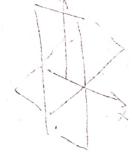


$$dB = \frac{16}{2\pi} \cdot \frac{i \cdot dy}{r} = \frac{16}{2\pi} \frac{i \cdot dy}{\sqrt{x^2 + y^2}} = \frac{16}{2\pi} \frac{i \cdot dy}{\sqrt{x^2 + y^2}$$

$$B = \int dB = \int \frac{u_0}{2x} \frac{idy}{2x} = By = \int dBy = \frac{u_0 Ix}{2x} \int_{a}^{a} \frac{dy}{x^2 y^2} = \frac{u_0 Ix}{2x} \int_{a}^{a} \frac{u_0 Ix}{2x} \int_{a}^{a} \frac{u_0 Ix}{2x} \int_{a}^{a} \frac{u_0 Ix}{2x} \int_{a}^{a} \frac{u_0 Ix}{2x$$

4701 B = 1016

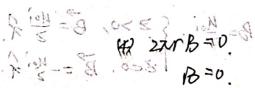
$$By = \frac{uoIx}{4\pi a} \cdot 2 \cdot \frac{1}{x} \cdot \arctan \frac{a}{x} = \frac{uoI}{2\pi a} \arctan \frac{a}{x}$$



同物对了以界版:

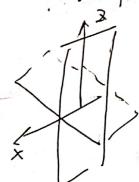
[ = 1 15 = 69=-1-9

$$B = \frac{uorI}{2\pi\alpha^2}$$





5.11 112 Bx = 0.



$$\beta \vec{B} \cdot \vec{X} = u \cdot \vec{X} = 2 \times \vec{B}.$$

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## 同理对3×y种反:

B. de fort = Jack

B: Wat

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班级

姓名

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5.13.11). ZMB= UONI

B= 
$$\frac{u_0NL}{2\pi r}$$

B=  $\frac{u_0NL}{2\pi r}$ 

B=  $\frac{u_$ 

5.6. (). 6 F= m V12 = 9 16 B

$$V_{1} = \frac{q_{BR}}{q_{B}} \approx \frac{2\pi m}{q_{B}} \approx \frac{2\pi m}{q_{B}} \approx 1.79 \times 10^{-8} \text{ s}$$

$$V_{11} = \frac{h}{10^{-31}} \approx \frac{270m}{27.57} \approx 2.8 \times 10^{6} \text{ m/s}$$

$$V_{11} = \frac{h}{10^{-31}} \approx 2.8 \times 10^{6} \text{ m/s}$$

(d). 多路y和正约图.

5.16. (1).无法判断……不知道是是不知电压正负。

(2). 
$$F = 9VB = Eq = \frac{U}{b} \cdot q$$
.

 $V = \frac{U}{bB} = \frac{U}{bB} = \frac{U}{bB} = \frac{I}{baV} = \frac{I}{U} =$ 

 $F[\mathfrak{I} = 9V\mathfrak{B} = \frac{mV_0}{R_0}, R_0 = \frac{mV_0}{9B_0}, R_0 = \frac{mV_0}{9B_0} = \frac{mV_0}{2RR_0} = 9V_0 \cdot \frac{mV_0}{2RR_0} = \frac{mV_0}{2RR_0}$   $F[\mathfrak{I}] = 9V\mathfrak{B} = \frac{mV_0}{R_0}$ [12.17 STA B= NON]  $u_0=u_1=\frac{m V_0^2}{2R}$ TNOT - 8 > V = V Bo Vo 36 / NIVER = 16-1 - MON = 26-8 - 05 (5) 35. 19 6 F= m W2 = 9 WB R= mV = m Vo & VBBD 1 KNO 1/20 NO - 018 C - 018 NO 1/20 NO - 1/20 T= 2NP = 2 TOM = 17900-85 VIII = 1 = 198 = 2.8810 6 p. /2 1)= 1/12= 1/12 = 27.5] HO m/s (2) F=1118= Eq= U.9. Ne U aV