9.4.
$$14-22$$

$$\frac{\partial E \cdot ds}{\partial E} = \frac{\partial E}{\partial x}$$

$$2\pi r t = \frac{6!L}{2\pi t}$$

$$\frac{\partial E}{\partial x} = \frac{1}{2\pi t}$$

$$\frac{\partial E}{\partial x$$

$$= \frac{b}{2766} \ln \frac{b}{a}$$

$$111 - \frac{c}{a}$$

$$111 + \frac{c}{a}$$

$$111 + \frac{c}{a}$$

$$12) \text{ for } c = \frac{a^2}{16764}$$

RI D= EVEE

1 E = 22/25 [2

V= | Edl = | = 100 A AVER OF

= Q 4261R : Ue = 290 = Q² 8262R

$$\frac{Q}{\sqrt{2\pi}} = Q (17) 2 + H$$
 送港位为
$$\frac{Q}{\sqrt{2\pi}} = \frac{Q^2}{\sqrt{2\pi}}$$

 $\Rightarrow \frac{1}{R} - \frac{1}{X} = \frac{1}{12}$

· 7= 2/2

$$B = \frac{M_0}{4N} \frac{2(\vec{D} \cdot \vec{P})}{\vec{P}^2}$$

$$= \frac{M_0 \cdot \vec{P} \cdot \vec{V}}{4N} \cdot \frac{1}{\vec{P}^2}$$

$$\Rightarrow dB = \frac{M_0 \cdot \vec{V}}{4N} \cdot \frac{1}{\vec{V}^2} \cdot \frac{1}{\vec{V}^$$

7年图同选 : B = M1 + M1 4A + 4A 方向重新化面向显

(C) 由(B) 7号、对于 (31°角)
$$= \frac{M_0 L}{400 R} \cdot LO(101 - 10101) \cdot 2$$

$$= \frac{M_0 L}{10 R}$$

$$= \frac{3M_0 L}{10 R} + \frac{M_0 L}{200 R}$$

= 1/4. 8

$$\frac{PAB_1}{PAB_2} = \frac{3b0-0}{3b0-0}$$

$$\frac{1AB_1}{PAB_2} = \frac{3b0-0}{0}$$

$$\frac{1}{2}AB = \frac{3000}{0}$$

$$\frac{3b^{-1}}{b}$$

$$AB_1 = \frac{3b0-B}{D}$$

 $(1-\frac{9}{9})$ (1) $b=\frac{N^2}{4N^2}$, $(0.10,-0.20)=\frac{N^2}{2N^2}$

· B/ste = 7.2×10-57 = LZ

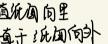
.. B= 7.2 X10-17

(2) : 召地= 6×10-17

· Bo = 07

130 = 100 - 3ho-10 , 220-12

= 30-9



$$\frac{1}{2} \frac{1}{2} = \frac{3p_0 - \rho}{\rho}$$