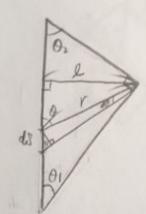
田

Ch

万族整度还形門墊(2)《中华门村下了》 ヒオ・サバールの 正方形工儿 + 投行 図の書き方に 注意



rsing= e situ desing = rdo de rado

$$\beta(r) = \frac{\mu_{0}}{y_{0}} \int_{0}^{\pi-\theta_{1}} \frac{sin\theta}{r^{2}} \times \frac{k}{sin\theta} d\theta$$

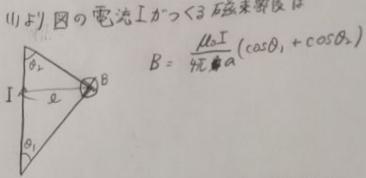
$$= \frac{\mu_{0}I}{y_{0}} \int_{0}^{\pi-\theta_{1}} \frac{sin\theta}{r} d\theta$$

$$= \frac{\mu_{0}I}{4\pi} \left[-\frac{\cos\theta}{r} \right]_{0}^{\pi-\theta_{1}}$$

$$= \frac{\mu_{0}I}{4\pi l} \left[\cos\theta_{1} + \cos\theta_{1} \right]$$

解限1:11117) X1 @ A 2I

川より図の電流上かっくる磁来密度は



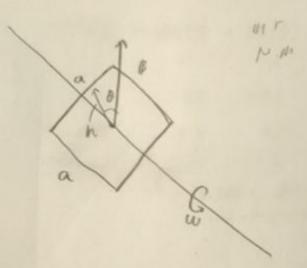
行回の場合、下の電流」は 与Aの石場に 客子しなり

左側の ②
$$I = 7177$$
 $A = \frac{1}{5}$ $\theta_1 = 560$ $\theta_2 = 0$
 $B_1 = \frac{40I}{4\pi(\frac{2}{5})} (\cos 560)$
 $= \frac{40I}{4\pi(\frac{2}{5})} (\frac{1}{5} + \frac{1}{5})$
 $= \frac{40I}{4\pi(\frac{2}{5})} (\frac{1}{5} + \frac{1}{5})$
 $= \frac{40I}{4\pi(\frac{2}{5})} (1 + \sqrt{1})$

右側のエにつれて a= 1 . 01 - 450 01 . 0 B1 = 4x(=) (cos 45° + cor 0°) = MOI (1+JI)

合成するこ

YCOSA



$$\phi_{em} = -\frac{d\bar{p}}{dt} = Ba^* w sin0 \qquad \left(\frac{d\theta}{dt} = w\right)$$

#

$$\frac{dW}{dt} = \frac{B^2a^4w^2}{R} \frac{1}{2} (1 - \cos 20)$$

$$= \frac{B^2b^2tw^2}{R} \sin^2 \theta$$