



【VE230】 Question about Lecture-K, Page 30

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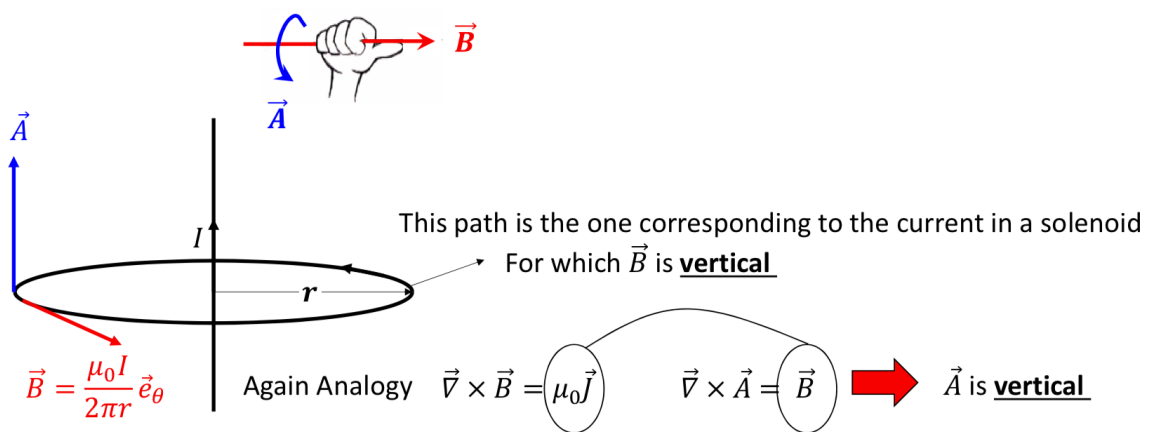
时 间: 2018年12月5日(星期三) 晚上10:09

收件人: 物理教授 mesli <mesli@sjtu.edu.cn>

Dear Professor Mesli,

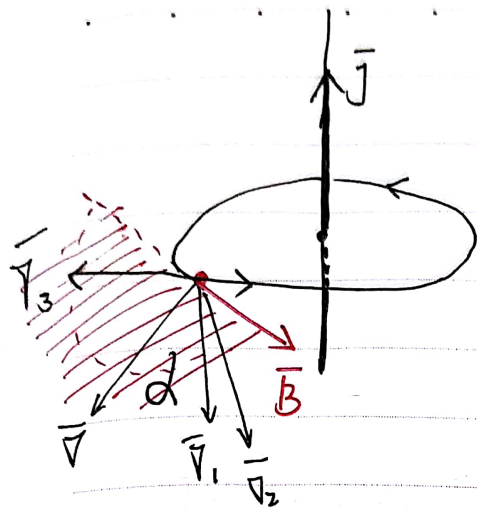
When I read lecture K, I can't understand this PPT.

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Direction of \vec{A} is known before any calculation

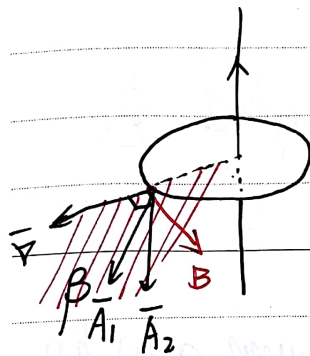
What I think is shown below.



$$\therefore \bar{V} \times \bar{B} = M_0 \bar{J}$$

$\therefore \bar{V}$ must on plan α ($\perp \bar{J}$)

eg: $\bar{V}_1, \bar{V}_2, \bar{V}_3$



$$\therefore \bar{V} \times \bar{A} = \bar{B}$$

$\therefore \bar{V}$ is determind.

$\therefore A$ must on plan β ($\perp \beta$ through \bar{J})

which means \bar{A} is not determind!

Why \bar{A} is vertical on the coursewell?

And the direction of A can not be determined.

Could you please show me why the direction of A is vertical?

Sorry to bother you.

此致

祝安康

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