26. a. By using right hash kide, if we wrop our fingers in the direction from vis B, our thomb point oppose of fuer. So the charge of the environ

 $b = \frac{e^{\frac{1}{V}}}{\sqrt{(1.6 \times 10^{\frac{10}{V}})(0.52)(0.18)}} + L17 \cdot 10^{2V}$ $b = \frac{(1.6 \times 10^{\frac{10}{V}})(0.52)(0.18)}{6 \times 10^{\frac{1}{V}}} + L17 \cdot 10^{2V}$

M= 1.49 m ≈ 1.5m a By using right hand mule, we find that both field ove in the same direction in point A, while in point B they are in oppose direction.

It is mannitude of field in point A is greater.

 $\beta_{1} = \frac{4\pi \cdot 10^{7} \cdot I_{1}}{2\pi \cdot 0.16} \qquad \beta_{1} = \frac{4\pi \cdot 10^{7} I_{1}}{2\pi \cdot 0.16}$ $= \frac{4\pi \cdot 10^{7} \cdot 10.1}{2\pi \cdot 0.16} \qquad = \frac{4\pi \cdot 10^{7} \cdot 1.45}{2\pi \cdot 0.16}$ $= 7.8 \cdot 10^{7} \qquad = 5.6 \cdot 10^{7}$

BA = B1+B2 = 13.4.65 T BB = B1-B2=2.2.155 T 53.

A. F. = MOLID
27.d

E = 48.07(2.15)(433)

L = 2.57.10-5

b. The force of the wise form a action
reaction Pair

: They are some

b. |E| = N | \frac{1}{4t} |

when the t at 0.1, 0.3 and 0.5,
the graph have that is just slave.

So at there time the induced end is the liggest.