$B_{z} = \int_{0}^{L} \frac{\mu \alpha N L \sin \alpha}{2 \pi^{2}} dx, d = \frac{\Delta}{\sin \alpha} \cdot dx = \frac{\Delta \cdot d\alpha}{\sin \alpha} = \frac{\Delta \cdot$

$$F_{x} = \int I \times B \cdot dI$$

$$F_{x} = \int I \times B \cdot dI$$

$$F_{y} = \int (I_{2}B_{x} - I_{2}B_{y}) II$$

$$F_{y} = \int (I_{2}B_{x} - I_{y}B_{x}) AI$$

$$F_{z} = \int (I_{x}B_{y} - I_{y}B_{x}) AI$$

$$F_{z} = \int I \cdot I_{x} \cdot I$$

F=V(m.B). m=Ira20.2

= a'IBOBSEDOZ[aspo].

(b).
$$\vec{N} = \int \vec{x} \times (\vec{I} \times \vec{B}) dI$$

$$= \int_{0}^{\infty} \vec{x} \times (\vec{I} \times \vec{B}) \cdot \alpha \cdot dY$$

$$= \alpha I B_{0}\pi \qquad \begin{cases} \cos \alpha \cdot \cos \alpha \cdot$$