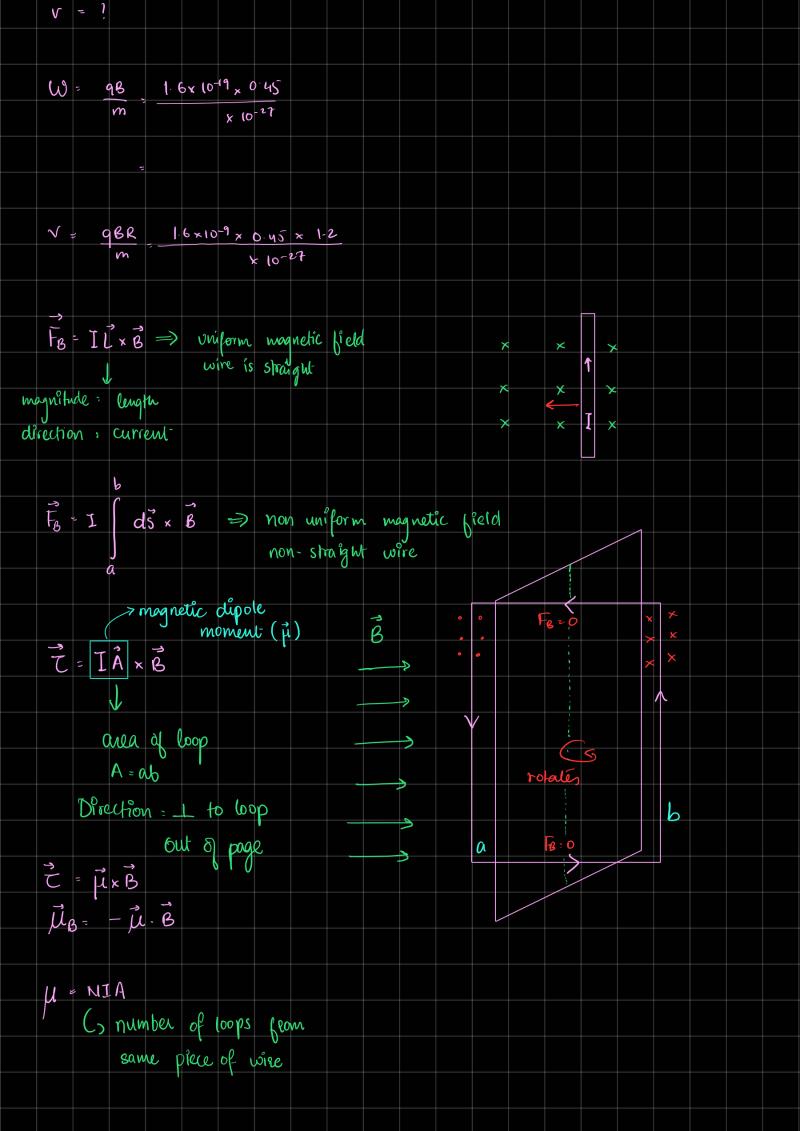


V= 4 × 10° m/s \$\tilde{6} = 17 7 1 \$\tilde{6}_6 = 8 \ 2 \ \tilde{10}^2 \ \tilde{10} \\ \tilde{6} = \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
For a girb of the state of the
For growing sind O-sint For growing For growing gat force Angular Speed: W = 211 from from one cycle - 211 - 18ne laken for one cycle - 21 - speed - 2 - speed - 3 - speed - 4 - speed - 5 - speed - 5 - speed - 6 - speed - 7 - speed - 8 - s
For sin (For ave) The sin (For
For sin (For ave) The sin (For
For a good a ma QvB = mv² QvB =
Fe = qvB = ma QvB = my² QvB =
FB = qvB = ma $v \in G$
Fe = qvb = ma \[\times \time
Fe = qvB = ma qvB = mv² qvB = mv² qvB qB C centrifugal force Angular Speed = (w = 2\overline{t} frequency / no of cycles = 2\overline{t} frequency for one cycle = v = speed 2 = tadius = qB -> charge × magnetic field m -> mass of change T = 2\overline{t} m qB
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Gentrifugal force Angular Speed = $W = 2\pi f$ frequency / no of cycles $= 2\pi f$ $t \rightarrow fine$ taken for one cycle $= v \rightarrow speed$ $= v \rightarrow speed$ $= v \rightarrow tadius$ $= qB \rightarrow charge \times magnetic field$ $= v \rightarrow tadius$ $= qB \rightarrow charge \rightarrow tadius$ $= qB \rightarrow charge \rightarrow tadius$
Gentrifugal force Angular Speed = $W = 2\pi f$ frequency / no of cycles $= 2\pi f$ $t \rightarrow fine$ taken for one cycle $= v \rightarrow speed$ $= v \rightarrow speed$ $= v \rightarrow tadius$ $= qB \rightarrow charge \times magnetic field$ $= v \rightarrow tadius$ $= qB \rightarrow charge \rightarrow tadius$ $= qB \rightarrow charge \rightarrow tadius$
Angular Speed = $CU = 2\pi i f$ frequency / no of cycles $= 2\pi i f$ $t \longrightarrow tince taken for one cycle$ $= v \longrightarrow speed$ $= v \longrightarrow tadius$ $= q_B \longrightarrow charge \times magnetic field$ $= v \longrightarrow mars of charge$ $= 2\pi m$ $= 2\pi m$ $= q_B$
Angular Speed = $CU = 2\pi i f$ frequency / no of cycles $= 2\pi i f$ $t \longrightarrow tince taken for one cycle$ $= v \longrightarrow speed$ $= v \longrightarrow tadius$ $= q_B \longrightarrow charge \times magnetic field$ $= v \longrightarrow mars of charge$ $= 2\pi m$ $= 2\pi m$ $= q_B$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
t — stince taken for one cycle = \(\nabla \) — speed \(\varepsilon \) — ladius - \(qB \) — charge \(\times \) mass of charge \(T = \varepsilon \) m \(qB \)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
E \rightarrow \text{ ladius} = \q \beta \rightarrow \text{charge} \times \text{magnetic field} m \rightarrow \text{nars } \text{charge} T = \beta \text{T} m \\ \text{qB}
- 98 -> charge × magnetic field m -> mass of charge T = 2T m 9B
T = 2 T M 9B
T = 2 T M 9B
9B 9B 1 1 1 1 1 1 1 1 1
13 = 0·45 T
B = 0.45 T
2 = 1·2 m
$ \omega = ?$



F: ZZ×B				
F: 71×B = 3×14×10-2×0	. 28			
. 0.1176 N				
$\vec{\zeta} = \hat{\mu} \times \vec{B}$ $= NI\vec{A} \times \vec{B}$ $= (50 \times 25 \times 10^{-3} \times 10$				
= NIĀ×Ĝ				
, (50 x 25 x 10 -3 x	TI x(5 x 10-2)2)	x (0.5)		