8.30-电子以1.0×106m/s自5建度进入一对分磁场0,1m圆周运动

規据 F=evxB, VIB of

me为色子兵量可以得max/=evb=mv2

 $B = \frac{mov}{eR} = \frac{9.1 \times 10^{-31} \cdot 1.0 \times 166}{1.6 \times 10^{-19} \times 0.1} T = 5.69 \times 10^{-5} T$ 

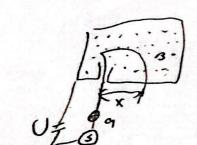
A 1= TITR = ZI = ZITIM

电子作圆周运云为的南梁度为

W= = = = 1,0x/035

8.34

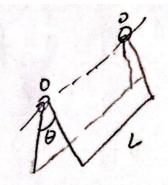
itiz明岩子是量为n= 839 x 2



#B# 記録を定理
9U= fmV3 V
V= Jz9u

智磁场为作用作多莲等国周运运力 轨道半程 R=型 9VB=m岩 R=智等的则加= 9BJIGUM R=产的 => m= 1329UM

5=2mm2 p= 8.99/cm3 0=150, Z=10A

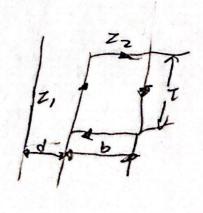


My = 7mg & sinb tmg/sin & = 2p/2 sgsin & MG 由口指自口, 尝了能力对 00年的自分为 左百为 n=Fmlsin(2-0)=1281050

Mn #0' fo bo, Fm-IIB

$$B = \frac{75P9}{L} \tan \theta = 9.35 \times 10^{-3} f$$

8.47



F=IrB,(d) = 40 I, In1 , 65 # == [28, (1+b)] = 400, 7,1 65