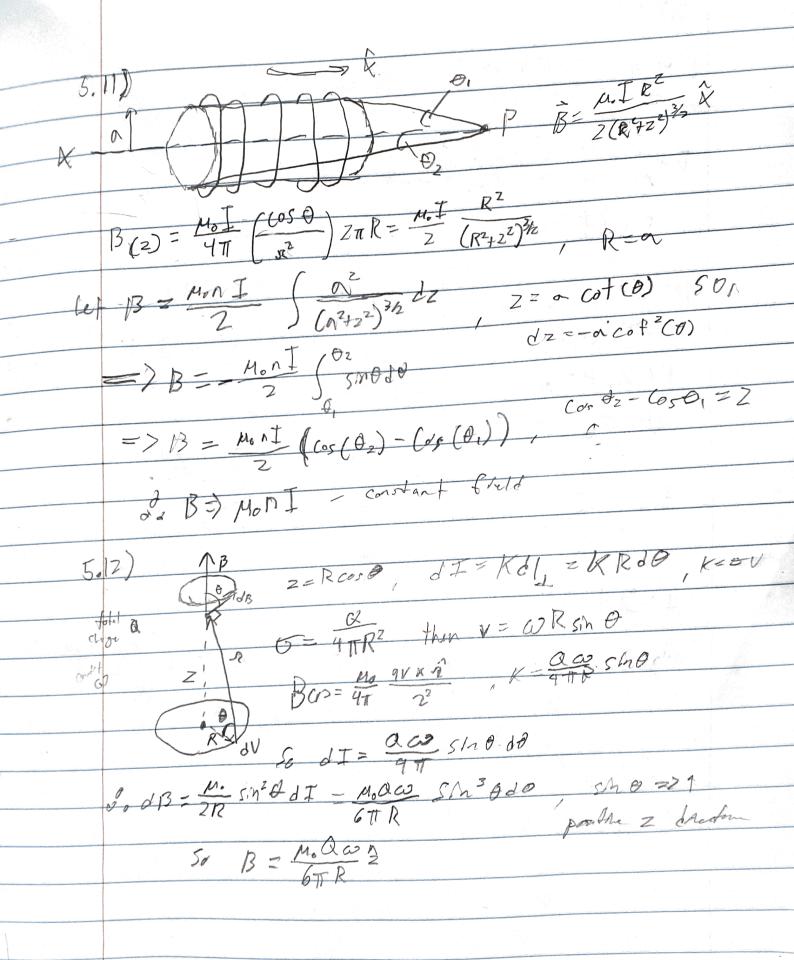
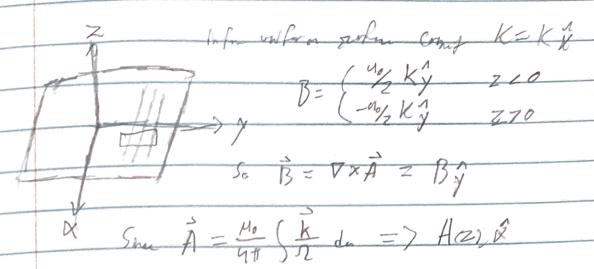
HW 5; 5.4, 6.7, 5.11, 5,12 | 5.11, 6.19, 5.21 | ex 5.12 | 8.23, 5.27 5.4) B= Kzx, F= ISdxB x Add my forces Could F = I (dz 2x x = 0, Fy = I) dz (-2) x Kz & = 0 Fret = IK=22+IK=2= I + x22 5.1) (Jdt= if, note (No(xJ)dt, p At fold dipole V. (x5) = x(7.3) + J2 => 18xJ.da-5, 5xdr =-5,5xdr==5Jdt de-(5 dt genelar



1997 - Missel Mary Esteria Es outsite Solared would even & BZO merte inner solvaid his radius a & & outfor his aides b So between the two rest be B=Mo I(6-a) 2 & B in Man Estal hard be B = Mo F(a) Z J. 19) I = S. J. da, So Baskelly it dosen't multiple If V-J=0 then the corl theran can be used which centerts the surface integral to a the integral. So come the process the chain of surface dese got multer. 5.21) VXB=M.J, => VO(VXB)= MOVOJ which goes to z-Most If p is constant P.J = - 27 TXE=>0, so ovfeth muld be 0. I some of the acm downly how 155625 for model's egutin V(con) 20

$$S_{MLL} = \frac{S_{ML} + S_{ML}}{S_{ML}} = \frac{S_$$



So $B = \frac{JA}{dz}$ of $A = \left(\frac{\mu_0 K}{2} \times \hat{X} \times Z \times O\right)$