For a C+) ve particle, initially has C-) ve Z displacement C-) ve " " (+) ve Z "

09.00 Proved before 1

10.00 In the case of c-rue particle,

11.00 Z velocity (Vz)>0

12.00 50 new crass product =

13.00

14.00 O V₂

X

B Br

0.0-V2.0

(Bx.0.0-Vz.Bx)

15.00

- (- V=. Bx)

16.00 = Vz. Bx

-

17.00 30 A when Fmag = 9 (V2.B2)

17.30

18.00 if a negative, Fmag in negative y