## TURNEZZZA JAMOITIAAA

V.E = Es Pe

 $\bar{\Delta} \times \bar{E} = -\frac{3E}{3B} + 0 - L^2 J^W$ 

· V.B = O K.Sm VxB = M. Je + M.E. of

interesting, no? WHY ARE EYB NOT ON EDUAL GOTING? " mole: Seems you can even choose DIFF PASIS: A E'= EOSO + 10 E SMA

ACTUALLY: NOT TENLY:  $P_m$  is a positive (37 ord)  $\bar{J}_m$  is a positive (37 ord)

To opposite to le ? Je

-> PARTICLES WI SLECT MAS CHARGE VIOLARS PARITY .

cultural remarks:

- SO LOVERDAYS [MUZUAUG] · 3 of magnetic monopole -> DISCRETIZED CHARGE.
- MONOPORES CAN ALSO RE UNDERSTOOD FROM THE MNISTERINE DE THE TOPOLOGY OF THE BUNDLEY)

> ? AS GENERALIZATIONS · ELECTROMAGNICIC NUALTY IS A VERY FOUSEFUL TOOL IN THEOPETICAL PHYSICS.

INTEGRAL GORM:

$$\frac{1}{2} = \frac{1}{2} = \frac{1}$$

... we're grown ups ... Use differential form.

EVEN BOTTOD; LF = 0 dxF = 3 W/F= 2F, dx/ndy

## TUSMISSERYS THOUGHT A

elec.  $P^+$   $P^+$ 

test charge feels magnetiz force ~ v×B deflecting it from wire

in Franc of test charge:

 $\frac{e^{-}}{e^{-}}\frac{e^{-}}{e^{-}}\frac{e^{-}}{e^{-}}$ 

8- WHOT GNES?

Relativity: fength contaction

pt recone puse -> evereic fore!