$$m(\dot{V}_{x},\dot{V}_{y},\dot{V}_{z})=e(o,E_{y},E_{z})+\frac{e}{c}(v,B,U_{b},o)$$
 $m\dot{v}_{z}=eEz$ 

$$\int dV_{b}=\int \frac{e}{m}Ez+c$$

$$V_{z}=\frac{e}{m}Ez+c$$

$$V_{z}=\frac{e}{m$$

componente y my= eEy - e Jx B SUY = CEY - WOUX devivames (1) y jemplazamos Vy 32 Vr - we vy Ux = Uc ( = Ey - WeUx) Ux + wo Ux = we e Ey (Ed movimiento aumonico Forzoos) arabgamente poia Vy Uy = - we Ux ig = -ez vy (Ed novimento armonico simple) (4) la 50l de (3)  $Vx(+) = Vx_C + Vx_P$ 



