- EA , E=KEO C= KEOA K-dielectrit
Constant
E-dielectrit
Permitting re- av & - Vacuum E= QV B=CV FermitWith E= CV2 -> Capacitanse

-> Retortial

different V= Vc+VR a differential O(t)= A(1-e tc) charge * * (= RC -) T A(RC)= 81(1-e = 8(1-1/2) Constant Discharting - PEC

Electric the force acting on acharge for wish Ever Charge (a) tert charge (91 Escape -> ME = AE F= 19.9 OHital = Fg=Fc 4= 120H = Vagr Energy Istored in a rystem due to $V_0 = \sqrt{\frac{Gm}{F}} = \sqrt{\frac{Gm}{F}}$ U= (F) (distance) PE at infinity→0
PE=0 as r—no = (GMm Kr) Fg = GMM U= GM V(r)= GMM Football

moment of (I): distribution of mass in a body favour > governitry I= m, n2+m, n2 -- +m, n2 = Zmin2 wiform object (Center of mrss) + rod(=12ml2 -> hollow Sphere = 25mr2 -> Solid Sphere = 2 mr2 Sum of the potential due to a, & Gr V== 4+V2 D=V, H) V1 = - V2 Kai = - Kaz











