

UMH = VM -VH) = (Q) - M - (G) · M - (G) · M. unde [VM = [Q]. TM.]; [VM = [Q]. TH | sout potentiable el.

Obs. Potentiable contrue pet al compalmi el. se detine din
deferenta de potential (7MH) - unitand pet H la infinit adico  $(V_{H} \rightarrow \infty) \Longrightarrow (V_{H} \rightarrow 0)$ -> LMW = QQ (TM - W) = QQ . I LMH = Q9 ( TM - FM) VM = LMO = (Q) I OBS (VOIT) tpe=Evergia potentialo electrostatico Desance campul electric creat de sarsa de camp (978) exclueação un LMH-luene wecauic pt. deplasarla sorciui de probo (9>0) intre dans stan /pet ale campular (M) si(H), retalta co. intre cele dour corpun (a) 81/91 se parte vorbi de o energie potentials electrics (Epg) ru fiecan stare Ep(M) or Ep(H) premu ti de o variable à energ.
potentiale electrostative intre cele dous, stari DEpq=[Epq(M)-Ep(H)] ) DEpg = - LMH. = [Epg(N) - Epg(M)] - LMD = 9.9 1 402 5m LMH = Qq (Im - TH) ( Epg(M) = 29, 1 deci - Qq ( m - m) = Epq(N) - Epq(M) (Epg(r) = Q.9 1 4172 r [ Qq . 1 - Qq . 1 ] = [Epq(N) - Epq(M)] = PEPP(H) = (Q.9) . I | ST | FPP(M) = (UTE) . STN. Epr(M) = este definité/ea dp-direct proportionals on prod. Son (l.g) ale als dout companiel. care cuteractiones so si ip-curere proportionale cu distrito. (1/5m) dinte ele coresponisotorne petuctulair (M) datres Epq(M) < >0, Q9 >0. Epg(8) = Q.9. 1 Q9<0.199<0. Reprefeutarea grofico Epg(r) ~ (r)