Coloumbic Force= 16174m2 K3z3e6

n464

2 = 2 /2

ig For Poincipal 9.N, Angular Momentum = nh Represents = Ri Size, 211 Max et = 2h2, No of Orbattal = h2 It was discovered by bohr, ii] Azimuthal T.N. 1-> Subshell No. of orbitals in a subshell= 2011 17NS/WS2-> Max to of et in subshell= 42+2. III Magnetic T.N. Discovered by Zeeman total values for a subshell = 21+01. Values are from -1 to 1 including o? each value of M -> Orbital. Represents -> Ordentation in Spin q.n. Two values > + 1 and -1 Overed spin , = Es period =n. Spine multiplicity = 25+1

spine angular momentum = \(\sigma(s+1) \) \(\frac{1}{2} \) \(\frac{1}{2} \) plock zp.

Magnetic Moment $M = \sqrt{n(n+2)}$ Radial note = Roe M-L-1 Angular nodez Aozb. Position of element. 1/2 = group no.

AMethods of Identifying & h=Period no 11/h-1)dx hs2 block = of block

Persod = n group = 2+x6. iii](h-2)fx (n-1) + 0-1, ms Block = F Person in group = 2 3, iv) ns2 np2

group 22+2+10