

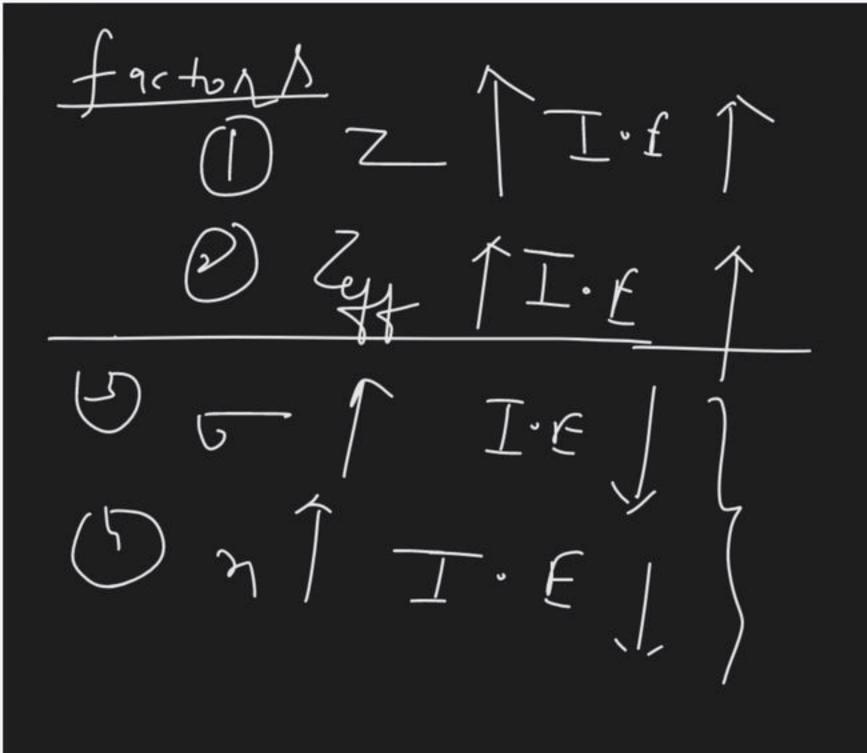
Course on Periodic Table for Class IX 2023

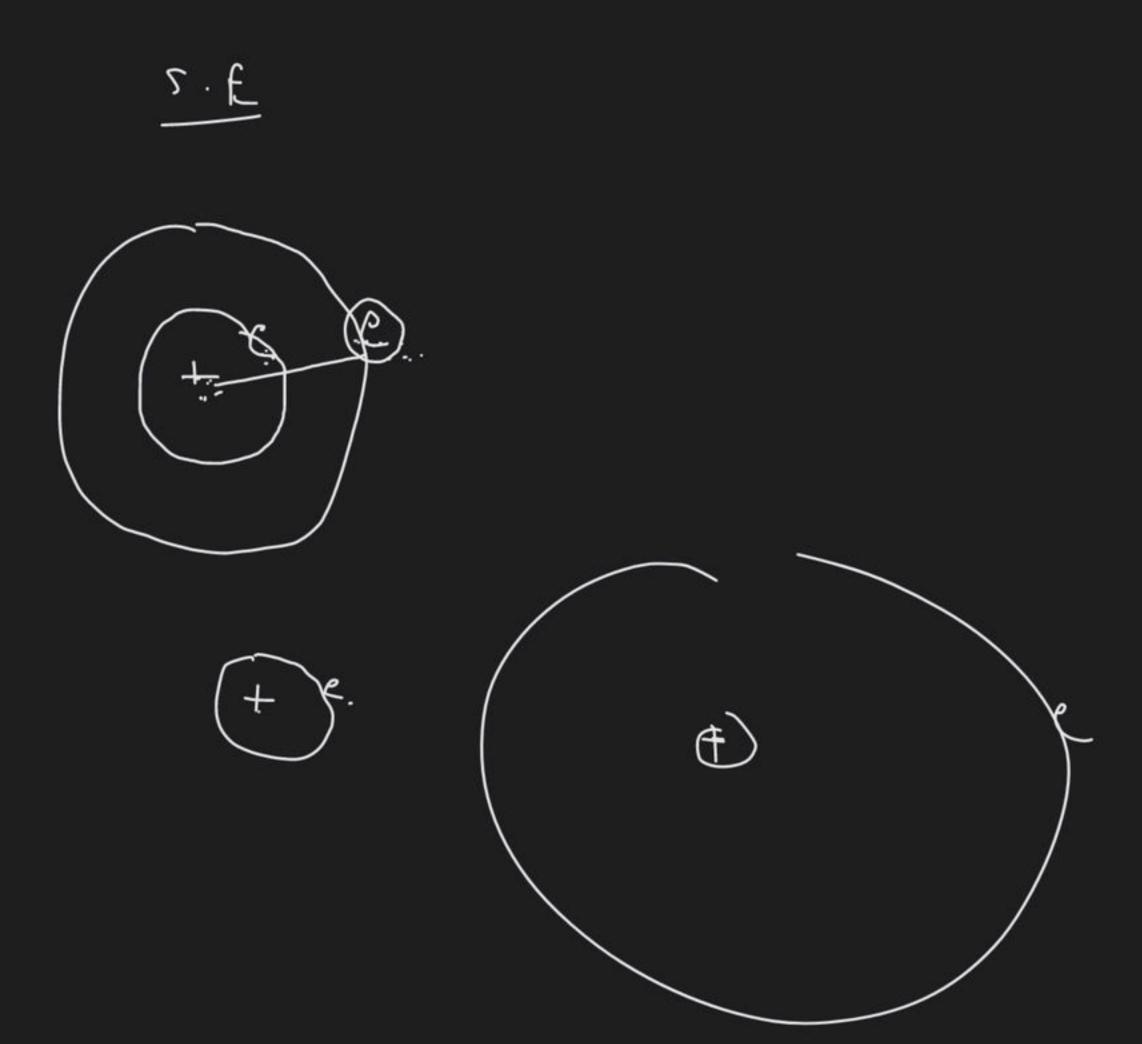


I brisation energy:

$$Nq_{J} = e \qquad N_{J} + e = 1 \cdot k = 1 \cdot$$

Suc Crssive 8 10 Polar 101





and July Jilled Hat tilled N = 25° 2 p] 252 2 54 0 =

() Closners towards my liens B= 1522p Be = 152 252 Be >B (F)= \sim Ca > 69

trends along the period Li Be B) C Ne Zett T.E. Jilled Conf. (['LB(BeL(LOCNEFKKNE) NGCALLOCNEC SCOPLUL AZ NGCALGEC SCOPSC BLCK KZ (x+rastability)

along the group. in Li >N9> K>Rb>FA>CS Li) Na) K) Rb) [cs/Fr] Be) mg) (a) 82) Bak Ra

Be) mg, (a) 82) Bak Ra

due to pront

so E of 45

87 Fr = [Xe] 4f'sal 65 6p6 7s' Substitut

F 10 West 17(1)

P-Block $f)| = 15^2 < 25^2 < 6 35^2 > p$ (79=15² 25² 2 p b 35² 3 p 6 45² 341° 4 p B>T/.>49.>A1>In. due to pool Suf.

of 3 of subshell.

That

Order

Sn

C > Si > GR > Pb > Sh due to prove s. E of 4f Subshell. 1 = [Xe] 4fsa85 cp]

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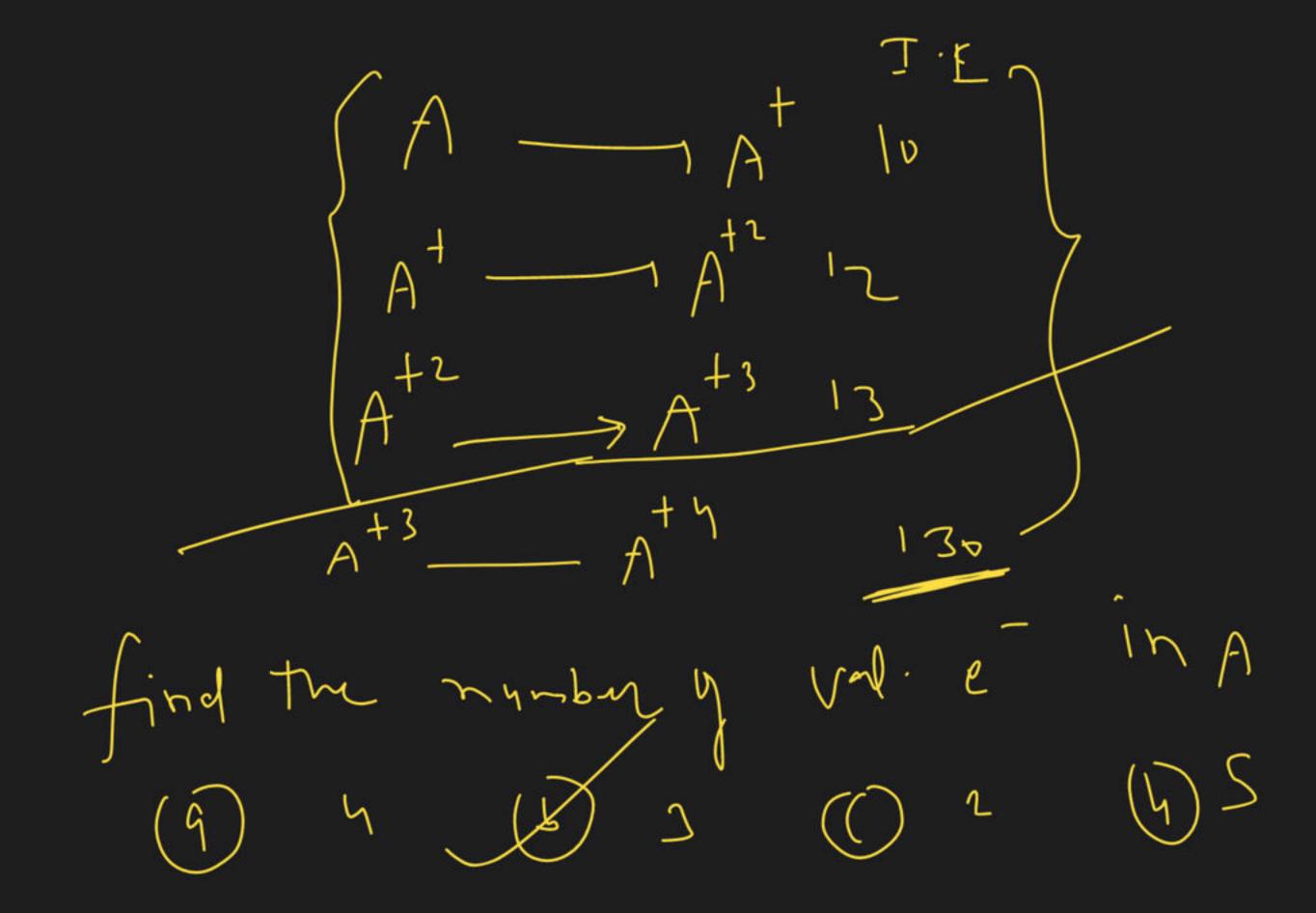
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The to poor s.f. of 4f Subshere

d-Block 3 d S ericy] I 7.5 Sc Ti V - - -4d Series TT T.S 7 27 NS - - - - Ag (d Ta . . . - - Ag Hg Lg Hf Tg. Sd series III T.S 34 > 44 < 54 80/9-5473474

Na - Na - Na - Na fird the Come (+ option (9) 9 > C (b) 9 (C C b (d) all are 6m. (9) 9 (b) (b) (c) both (g) mont (5) b(d (5) b) d (1) both (1) mod



I. E. Metallic (L.) Electrol=ositive (h.) Mast Elec(+920) aprilier Element - (s A A (oxidation)
(R.A) I.E | R.A |

(but Reducing also dep. on

mother factors

diff of two Successive I.E is >11 w then lawer 0.5 is stable

If diff between two Successive I.E < 11 w

then higher 0.5 is stable 11 to 16 - both stall

Shich of the following smorg them of Ag (3) An Las Lighest ±.K 9) all have equal Ag (1th)