

Course on Chemical Bonding for Class XI 2023

(hemical bonding of all of two atoms

all how two atoms

all hemical bonding

and stops

and stops in a molembe is -> octet complete Ng (10) 15² × 5² 2p¹ (35² 3p⁶)

He = 152 Ne $\left\{ \sum_{n=1}^{\infty} \left\{ \sum_{n=1}^{\infty} p^{n} \right\} \right\}$ Xe of X(0352

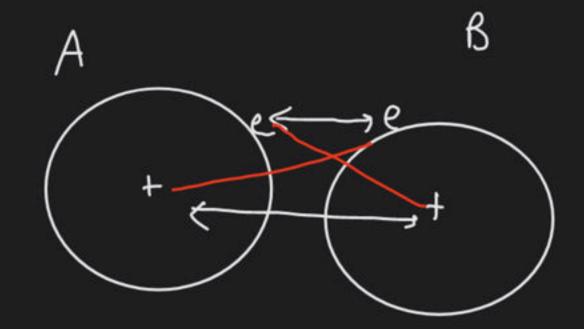
f. Xi. ----f

Bart lett, (1962) $0 + [r+f_i] \longrightarrow 0 [r+f_i]^{\ominus}$ Red Colour Iunic Compound JiE Da Xe 1170 KJ/mole 1175KJ mol-

Xe + [?+F] — Xe[?+F] E Red Colour I onic Compound

First discovered (ompound of Noble

Ne Az 102



CA CB — Rip,

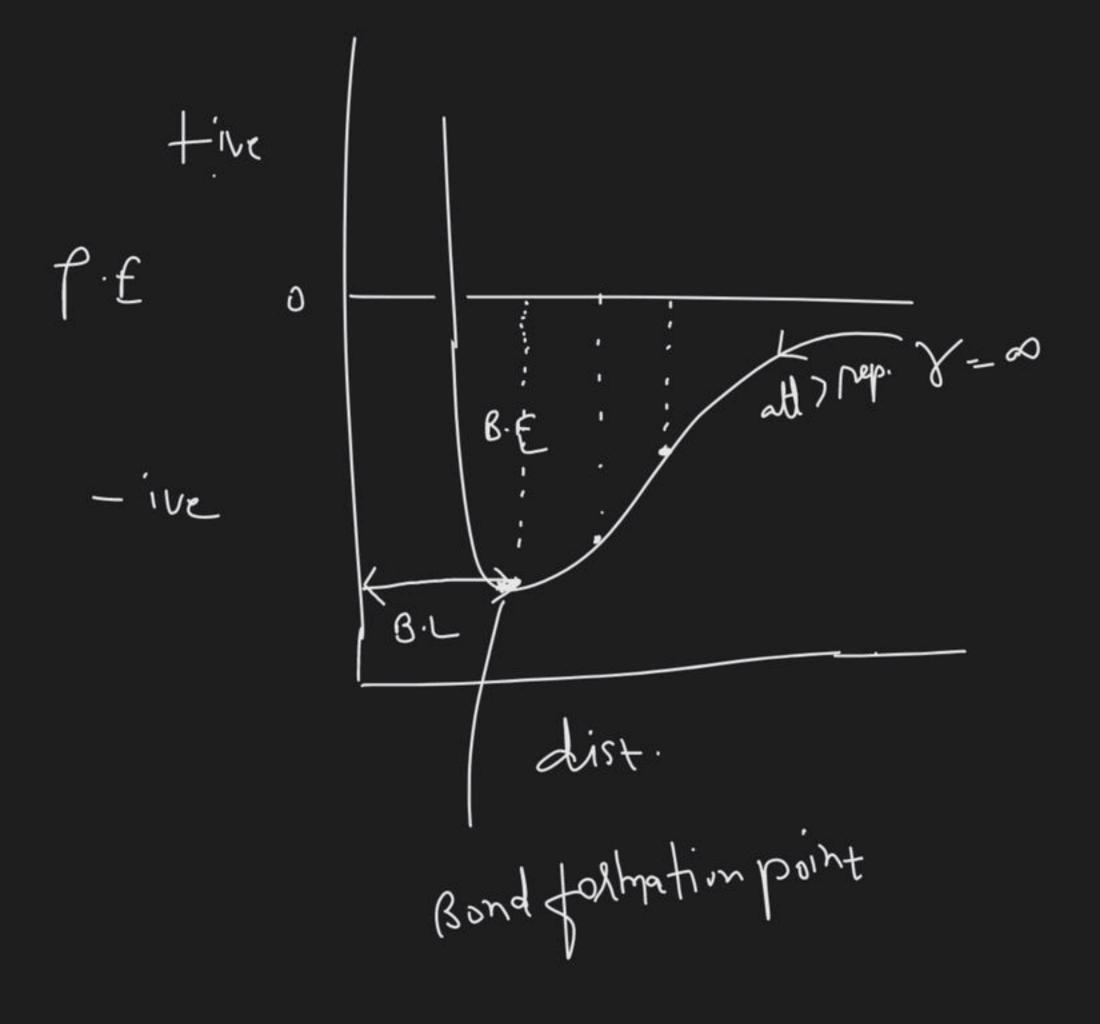
NA NA — Repulsion

CA NA — Attraction

CA NB — add.

CB NA — add.

CB NA — add.



and which of the following graph is Correct about formation of to molecule.

following Which of the more stable Species is (a) H^(a) (b) H₁ (d) H₁ (s²) ... (9) H(10) H(10) H(10) H(10) (D) 4000 (Holoz (Holoy (h) Dore

Classification of Chemical bond Weak Strong Tonic Gvalent Metallic MBonding dipole-dipole (formed by dipole- Induced dipole F, U, N) C-ordinate Instantaneo my dipole - Induced
dipole (it is formed) and sometimes U by hy equal Ion-dipole Ion-Induced dipole showing)

Covalency it symbol of u.p.e [unpaired e] in 4.5 01 in excitation state 15² 25² 2pl 35 3p 0 - 1 3 5 7 9.5 [11] [11] 1 $(\varepsilon \cdot S)_{\Gamma}$ [1][(g, g)] [12] [11] [1] (ξ') (ξ') (ξ')

$$N - 1s^2 2s^2 2p^3 3s$$

N (1

X | | | | Bond formation = (xothermic process

Bond breaking = endothermic