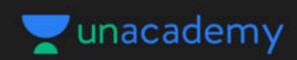


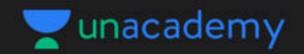
Course on Chemical Bonding for Class XI 2023





▲ 17 • Asked by Srijan Kum...
op sir



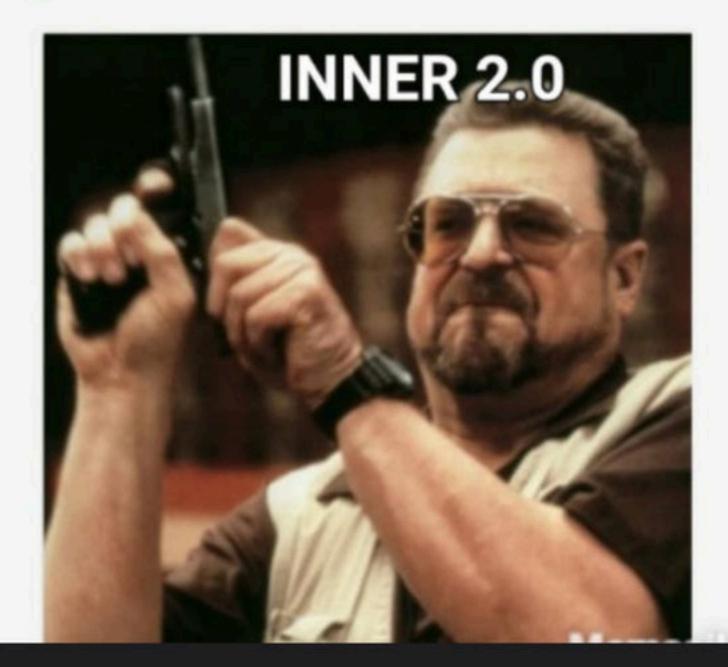


▲ 5 • Asked by Akash Shek...

Please help me with this doubt

whenever someone on vc says sir doubt nhi hai aese hi raise hand kiya

outer vj sir:achaa....beta kaise ho aap.....



Dipole moment :

less E.N

02



Moze E.N

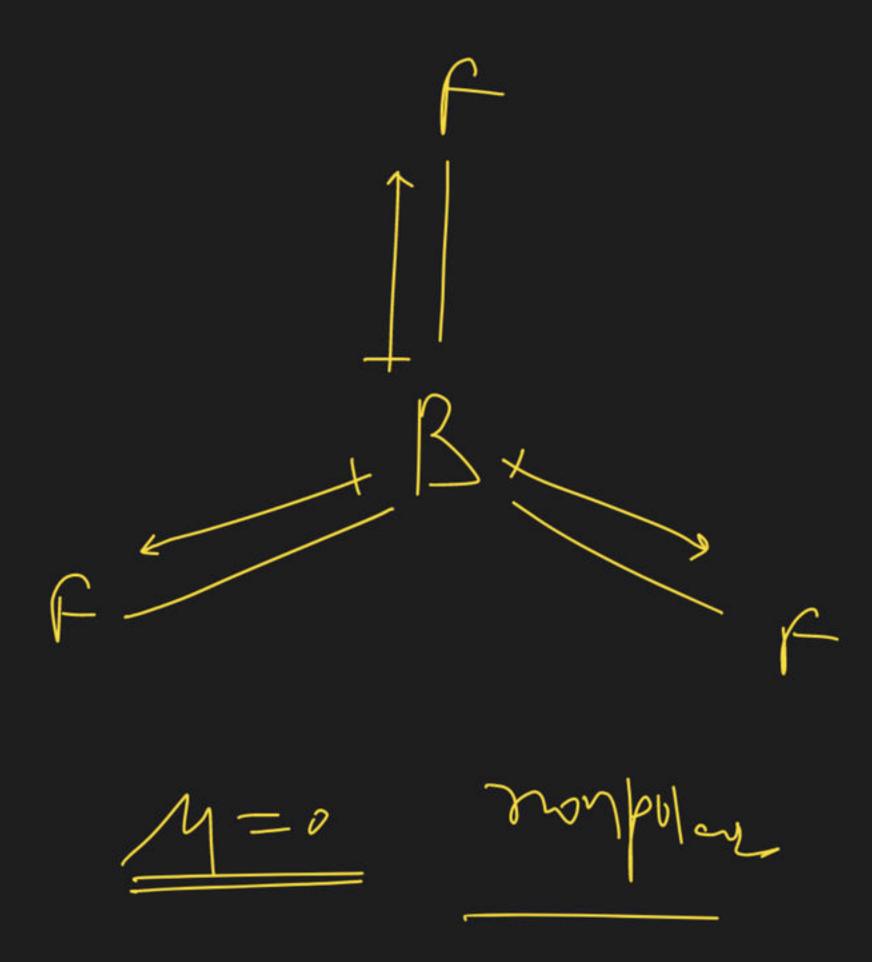
M- exd esu xcm d=distance e- 4.8 X10 e.s.v = 1.6 × 10 - 19 C Unit = Debye 1 Debye =

-18 10 esu x cm -3.33×10^{-30} (·M

+ Homodiatomic E.N=0, non polar di atomi c ___ molecule ---> retereodiatoric E.N to polar - pory atomic muleade - Mny = 0, mon polar L-Mry +0 Polar

CI-Be-CI M=0, non polar Planar H=0 nonpolar | Plan ~ M‡0 Polar Planar





Mto Polar / ron planon

H Mto Polar / Planon Note: Vector dir of l.P away from the Central stom.

4-Be-u Planar

,

Planon H manplanar H H

Jon plans



Plana

M+0
Foler

Contraction of the contraction o

M=0 mon plan map la non

PCI5 non planar

(1 M=0

Tonpolar

Sfy (non planar) Pular

Clf (Phoner)

FIT polar

M=0 non polar



T [5 F CONTENT Mto F Polar

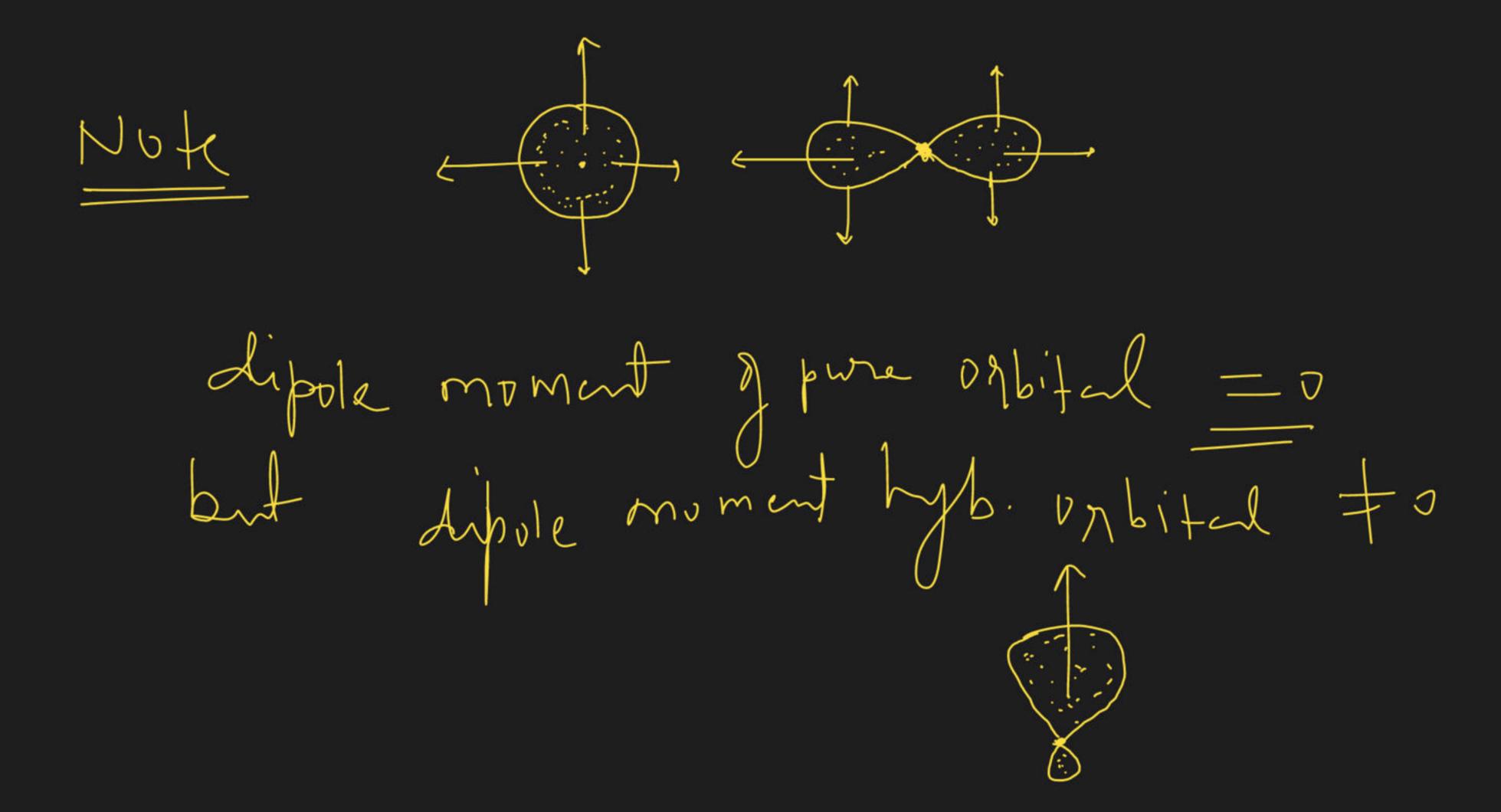
Xcfy (Panam M-2 m polar

I Farn plang 4-0 non polar



sonfol ar

which of the following set of molecule are planar but diff in hyp. A SP, SP, SP, SP, SP, Xefy If 3 (4, NH3 W) <u>M</u>



Compare dipole moment of Nf and (g) NF> NH (2) NH >NE (1) HY= NF



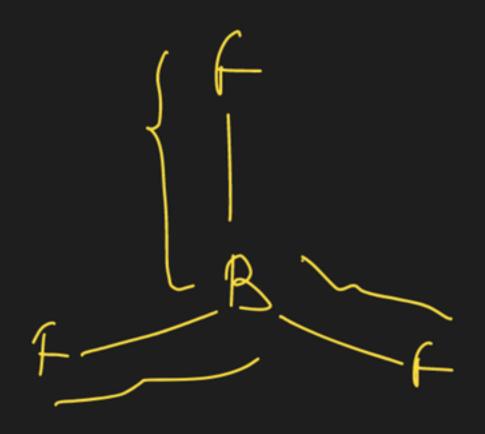
Compare bond dipole moment

of N-4 and N-F bond

N-4 N-F and N-y-N-F (1) more

Bond Lipole moment & E.N Lift.

E.Nolyt 0.9 N-H N-F 3





M=0 non polar





4 · Asked by Ankitjha
Sir aapke liye

