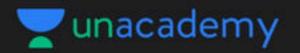


Course on Chemical Bonding for Class XI 2023





## ▲ 6 • Asked by Divya N

Please help me with this doubt

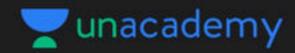
35. Hybridisation of ClFO<sub>3</sub>, SF<sub>4</sub> & SOF<sub>4</sub> respectively will be

$$(A)$$
 sp<sup>3</sup>, sp<sup>3</sup>d sp<sup>3</sup>d

(B) 
$$sp^3$$
,  $sp^3$   $sp^3$ 

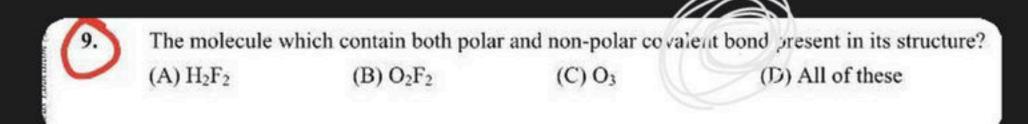
(C) 
$$sp^3$$
,  $sp^3d^2$   $sp^3d^2$ 





## ▲ 6 • Asked by Divya N

Sir ek hi me polar and non polar kaise honskte h?





7 J + F .... 4- F

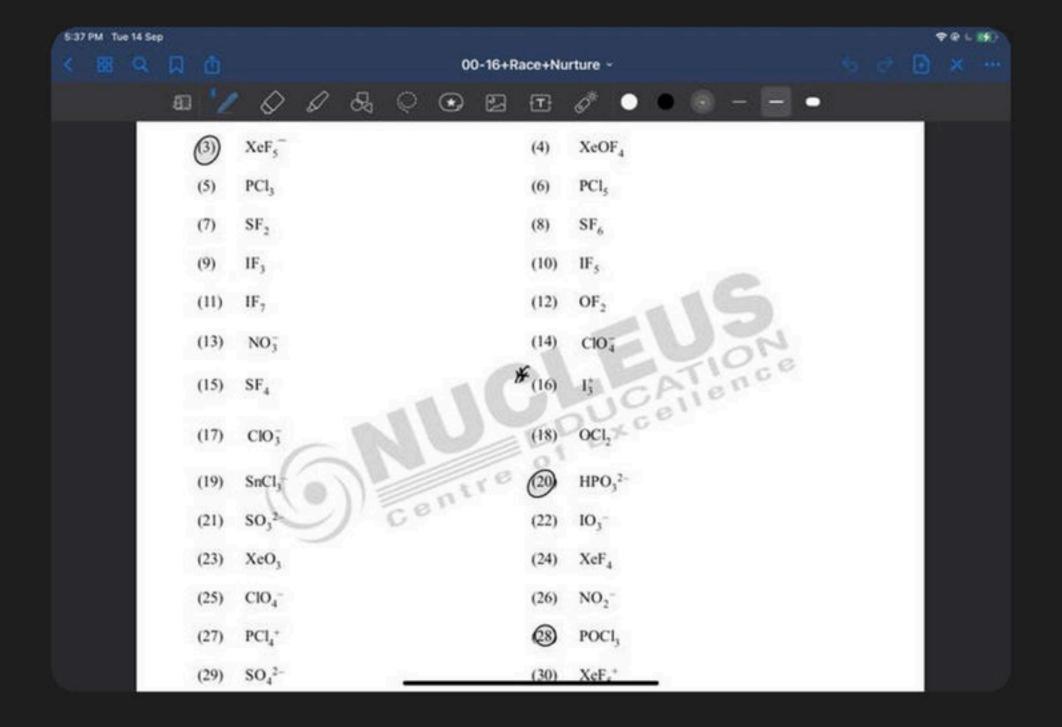
monplanan popen book like Strychure
Polar

Mon planar Mto Polar

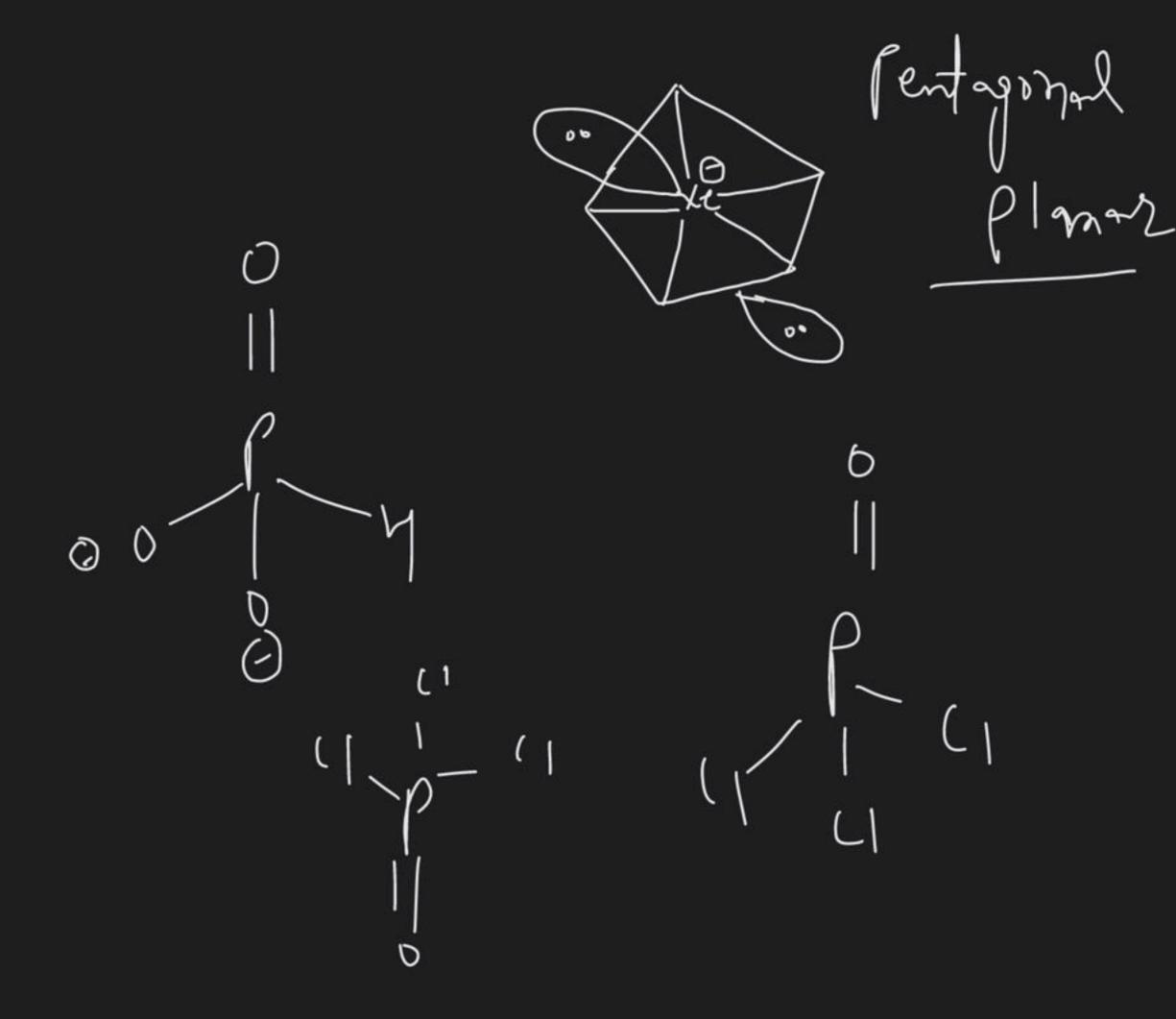


## 8 • Asked by Manthan

Sir 3 circle wale structure nahi ban paye merese

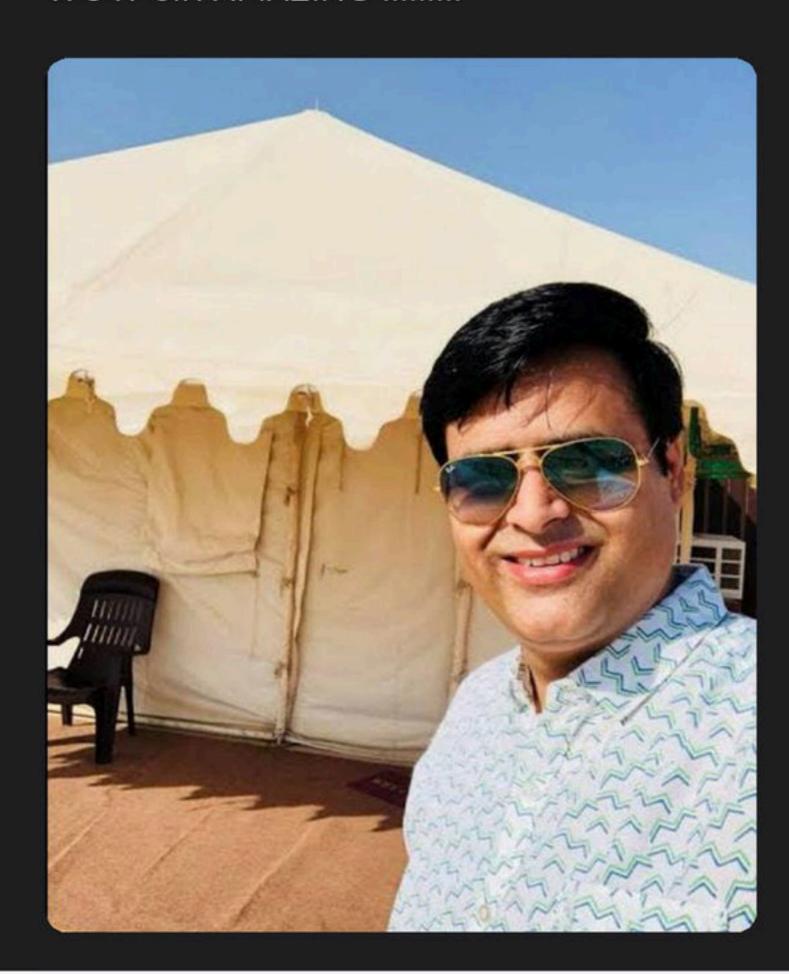


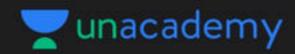
Xefs Hrog Pors





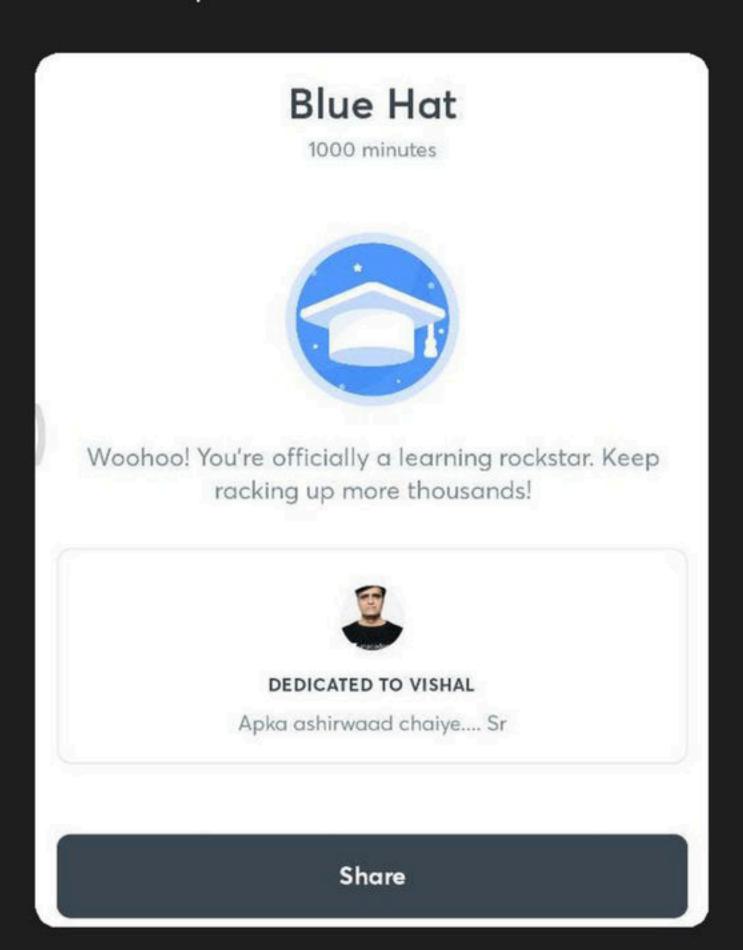
▲ 10 • Asked by Ankitjha
WOW SIR AMAZING .......



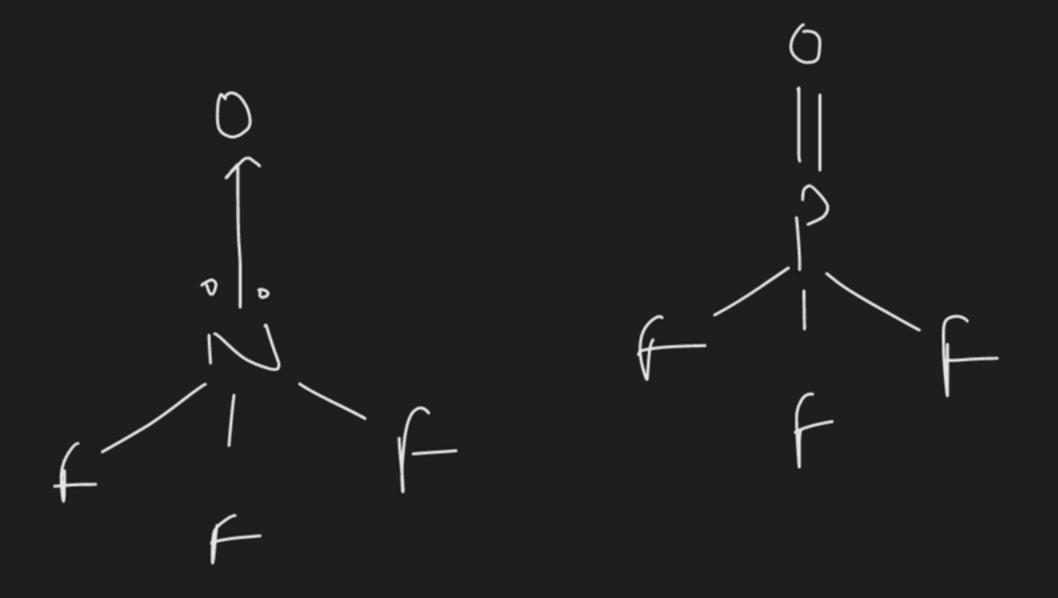


▲ 4 • Asked by Sameer

Please help me with this doubt



Which of the tollowing Mb/e aule Cxist (2) Puf  $\left(\frac{3}{3}\right)$ 



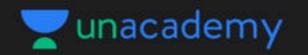
Correct direction of dipole moment in co (f) ( to 0 ) (f) c C = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S = 0 S =The direction

/

Inp. onder of dipole moment

(H(1) (hf) (hh) (h) (J)

(M) (H) (H) (H)



## ▲ 5 • Asked by Divya N

Sir same griup ke elements ki covalency kaise compare kare

for ex. O AND S

$$\int O(2)$$

$$\int (2)$$

$$\int (2)$$

$$N = 3$$

$$(1-1)$$

Home work (JEE mains) Single Coprect 1 3,5,6,7 8 9 10 11 12 15 16 17 21 22 23 24 26 27 20 31 32 36 37 41 48 49 sb

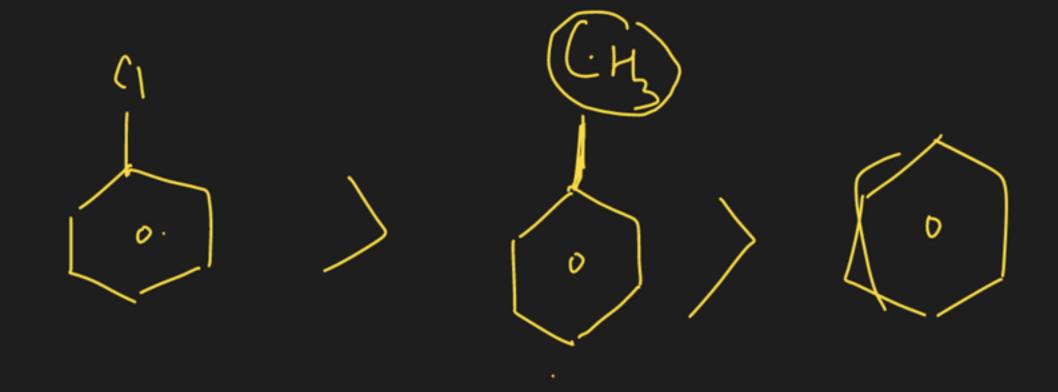
Which of the following bond is least polar

P-H (3) ps-4 (4) sb-4

2.12 2.10

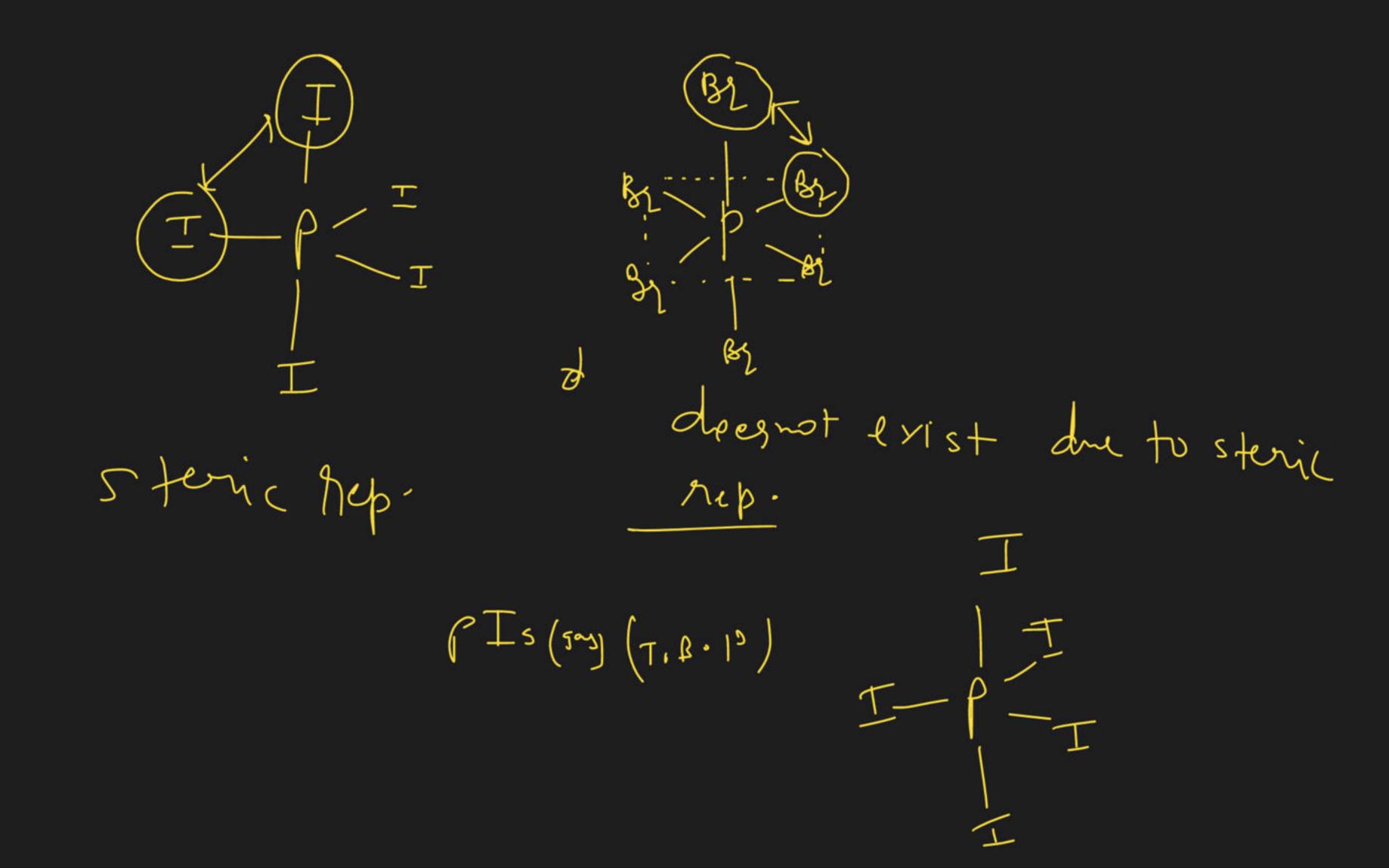
(He has dipole moment equal to

Compare dipole moment (9) (1) (64-11) Tolume () (H, (1) Tohum > (M





Solid state hyb. P(15 - > P(14 + P(16 PBYS - PBYT + BYB IIs - III + ±0 N2 95 - N6, + N0, N297- Not + No Xef, - xcfs +f (101 -> (10t + (10h (1:9) I, (1, -> I(1) + I(1) (ha) Iz - I



Do not exist

PIS (193) (7.0.0), PBY CIF, BC14 I [1]

What is the shape of Cartionic part of Solid (201 #~1 Angular (1) trigonal plann (c) ted. (1) Linear Bent Sent 1 3 5 7

1 dentify do In Jona tind the number of dx - Px bond in so 2PK 3PK S 3A T 2PK 5 = 352 364 11 1 1 1 111 1- - Pm = 1 d7 - Pr = 2

$$\frac{2f_{0}}{3f_{0}} = \frac{2f_{0}}{3f_{0}} = \frac{3d}{3f_{0}} = \frac{3d$$

0 || S

•



our What the hype. of cationic part of Solid P(15

(a) Sp3d (2) sp3d (2) Sp3d (3) rore

gu.