

TRPECV

TABLA B.11.
TABLA B.12.

Todos los pares de e⁻ de la capa de valencia se sitúan lo más alejados posibles.

Los pares no enlazantes generan más repulsión.

DEFECTOS: NO TIENE EN CUENTA LA NAT. DEL ENLACE

NO EXPLICA NI DIST. ENLACE NI ENERGÍAS ENLACE

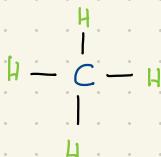
NO FUNCIONA CON MÁS ÁTOMO CENTRAL

NO TIENE EN CUENTA X⁻

NO EXPLICA MAGNETISMO NI POLARIDAD

CH₄

PARTÍCULAS EST. LEWIS

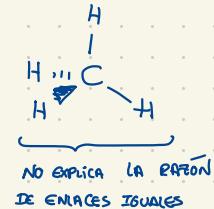


ENLAZANTES

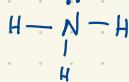
PARES COMPARTIDOS (PC) = 4

PARES NO COMPARTIDOS (PNC) = 0
NO ENLAZANTES

TETRAEDRICA

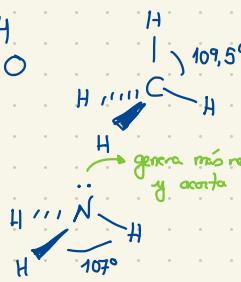


NH₃



$$\left. \begin{array}{l} PC = 3 \\ PNC = 1 \end{array} \right\} PT = 4$$

PIRAMIDE TRIGONAL



H₂O

$$\left. \begin{array}{l} PC = 2 \\ PNC = 2 \end{array} \right\} PT = 4$$

ANGULAR

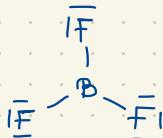


180°



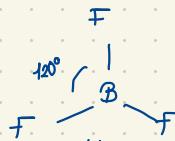
LINEAL

BF₃

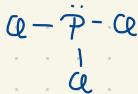


$$\left. \begin{array}{l} PC = 3 \\ PNC = 0 \end{array} \right\} PT = 3$$

TRIANGULAR



PCl₃

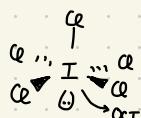


$$\left. \begin{array}{l} PC = 3 \\ PNC = 1 \end{array} \right\} PT = 4$$

PIRAMIDE TRIGONAL



$$\left. \begin{array}{l} PC = 5 \\ PNC = 1 \end{array} \right\}$$



PIRAMIDE CUADRADA



BIFRÓMICO PENTAGONAL

