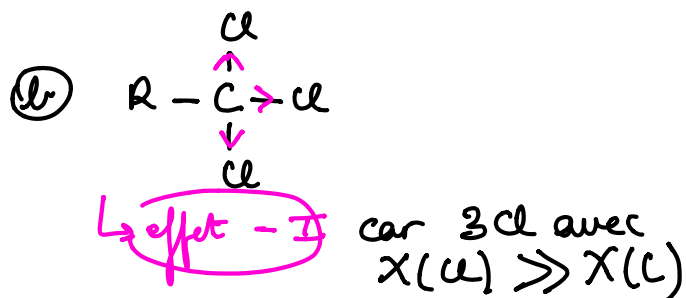
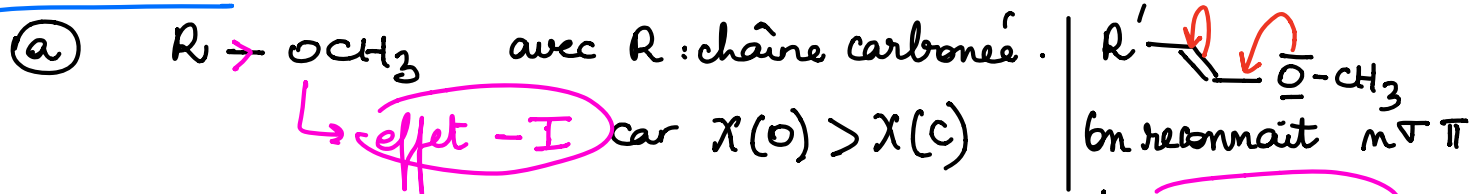
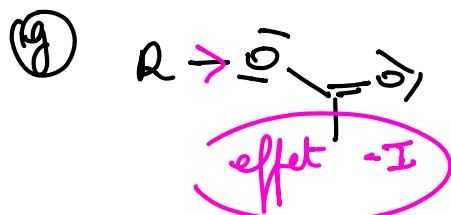
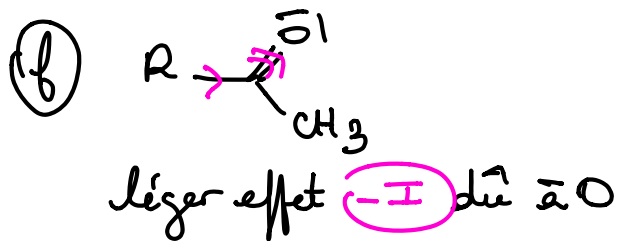
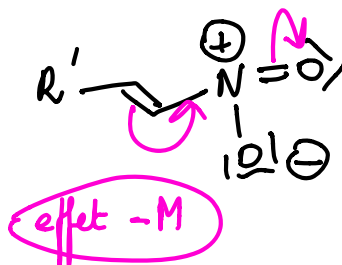
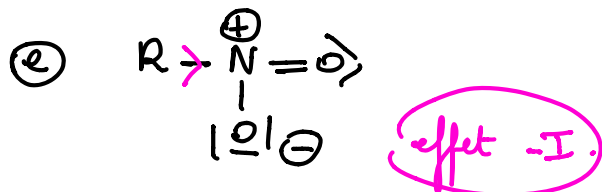
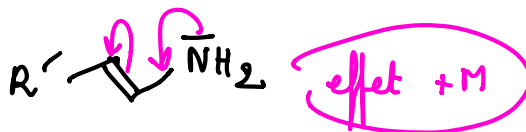
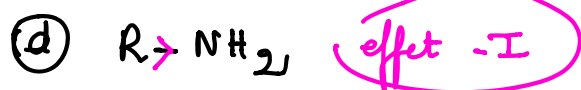
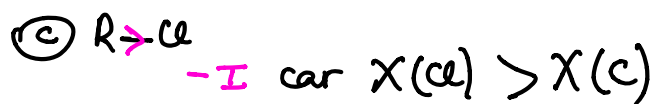


Suite correction TD AM3'

Exercice 12



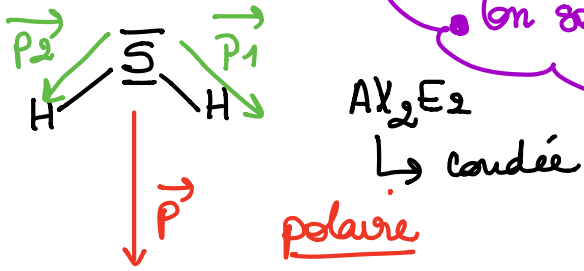
pas d'effet mésomère.



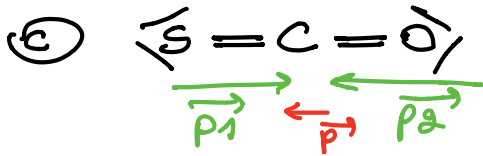
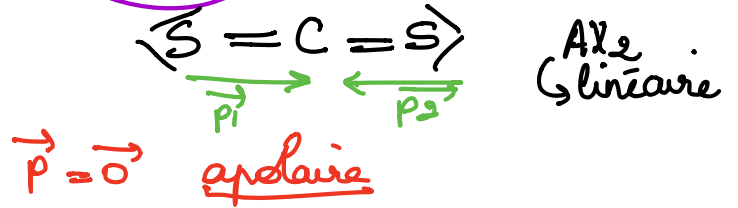
Exercice 13

(m) On dessine Lewis
 • On détermine la géométrie
 • On somme les $\vec{p}_i$ des liaisons

(a) H_2S



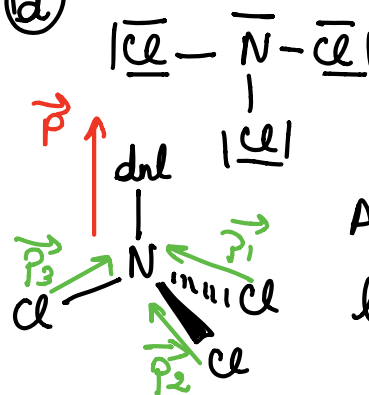
(b)



avec $\|\vec{p}_2\| > \|\vec{p}_1\|$ car $X(O) > X(S)$

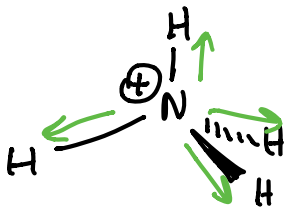
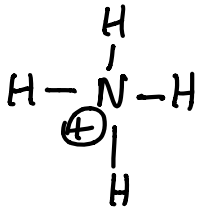
$\vec{p} \neq \vec{0}$ polaire

(d)



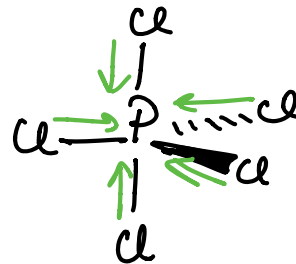
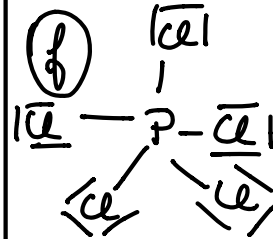
$\vec{p} \neq \vec{0}$ polaire

(e)



$\sum \vec{p}_i = \vec{0}$
 apolaire

(f)



$\sum \vec{p}_i = \vec{0}$
 apolaire

Q01

Si la m^o était plane, elle aurait la forme d'un octogone régulier.
 Les angles S-S-S vaudraient $2 \times 67,5 = 135^\circ$.

On en déduit qu'elle n'est pas plane, on a une sorte de couronne.

