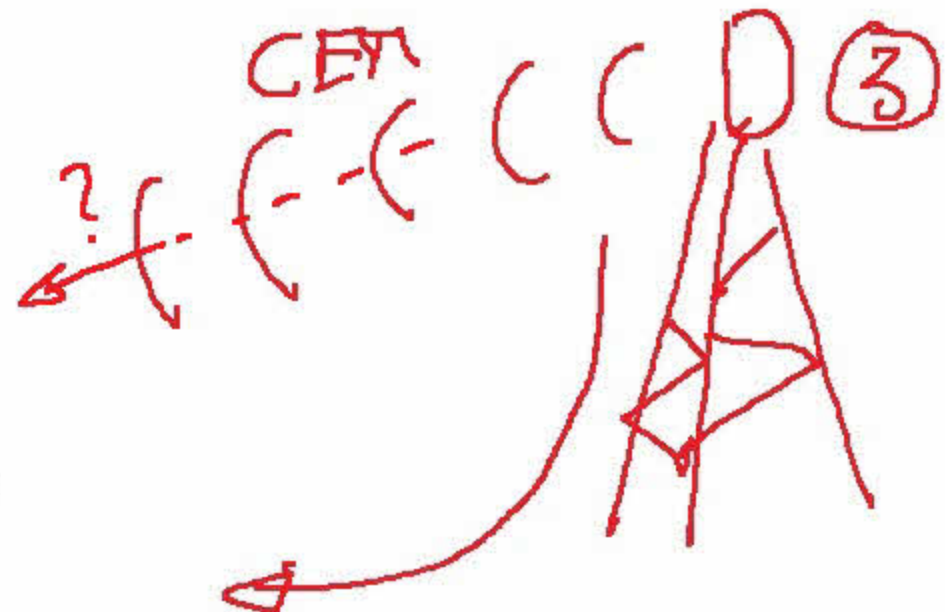
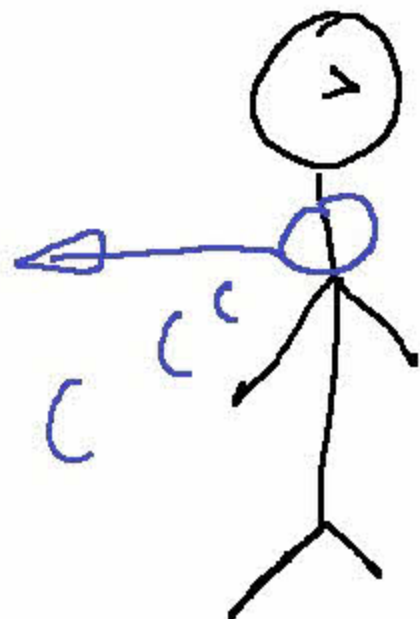


I. Electrobiologie:

① (phénom. électriques du corps) ?

② C.E.M. (?)



autres ? (4)
actions

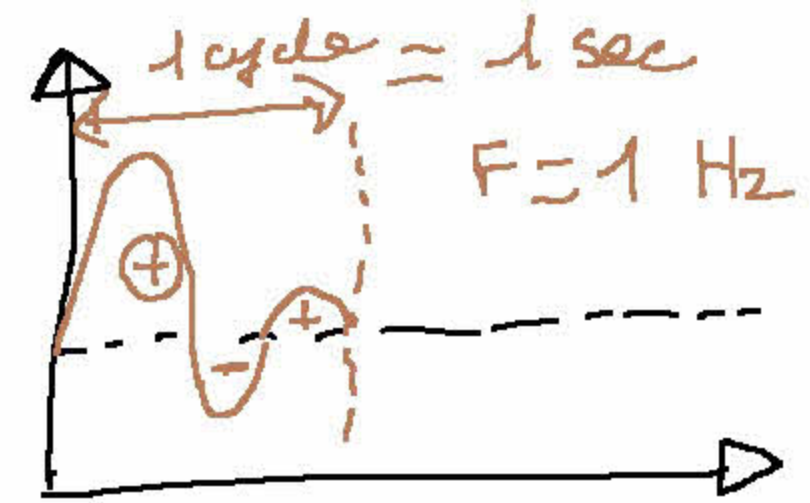
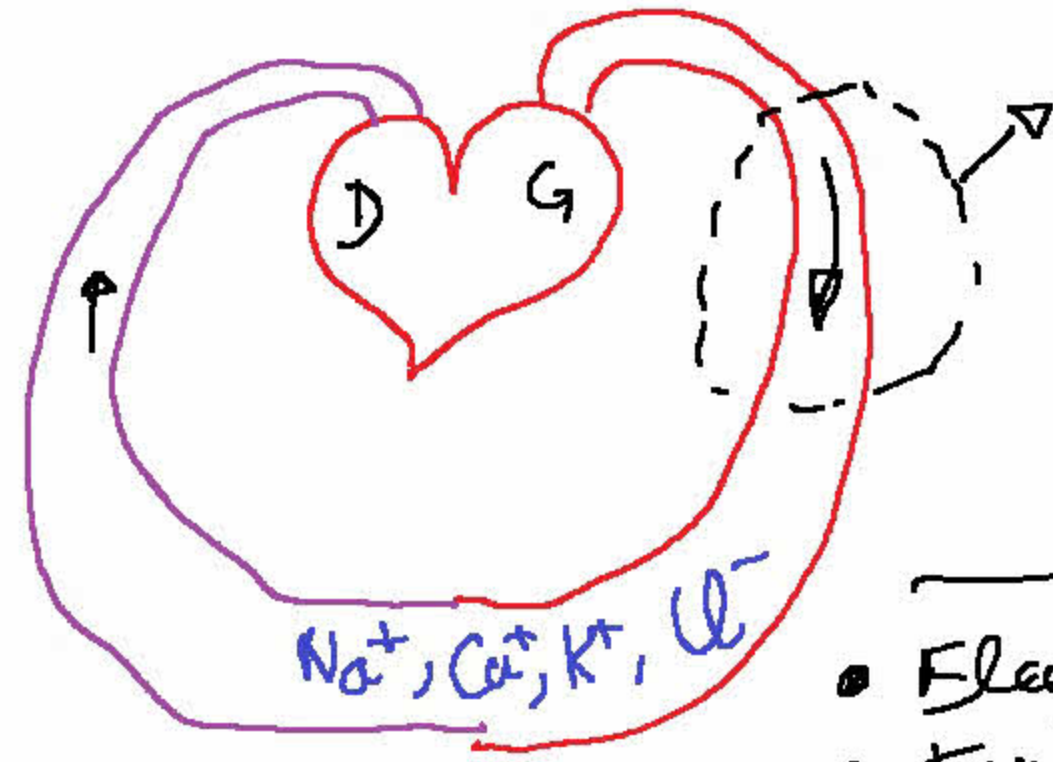
- F (fréquence)
- $\lambda = \frac{c}{F} = \text{longueur d'onde}$

$c = \text{vitesse lumière;}$

C.E.M.: champ électromagnétique

II - Fluides extracellulaires

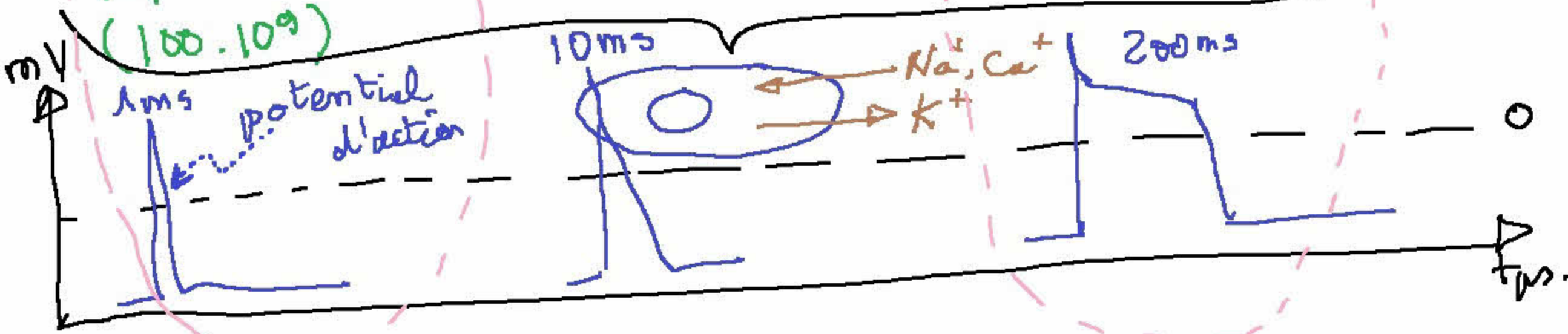
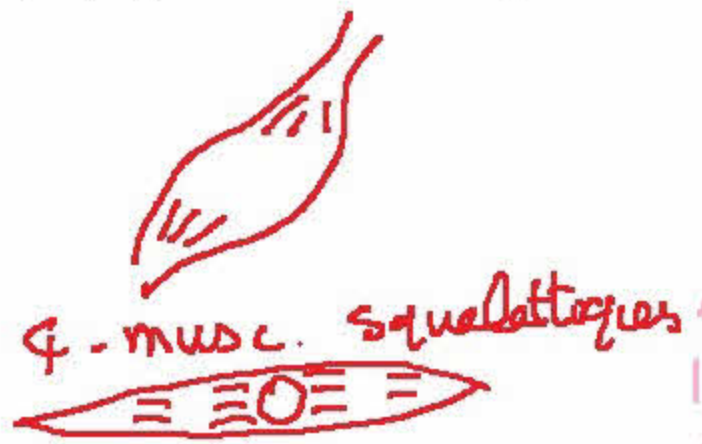
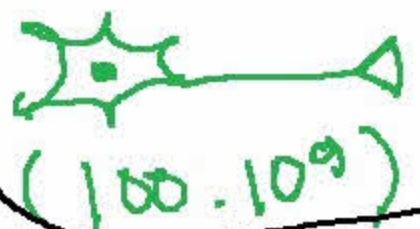
~~Ø~~



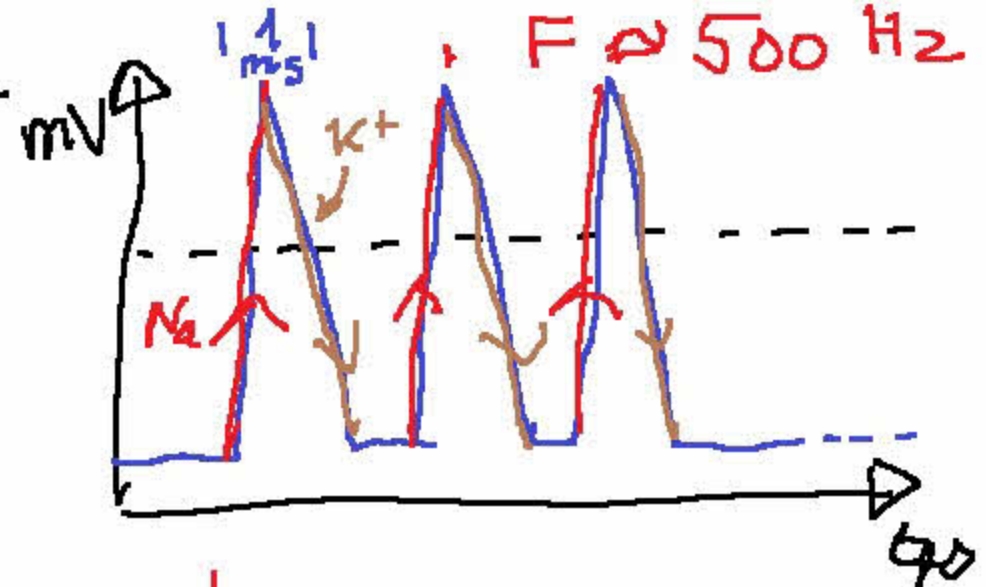
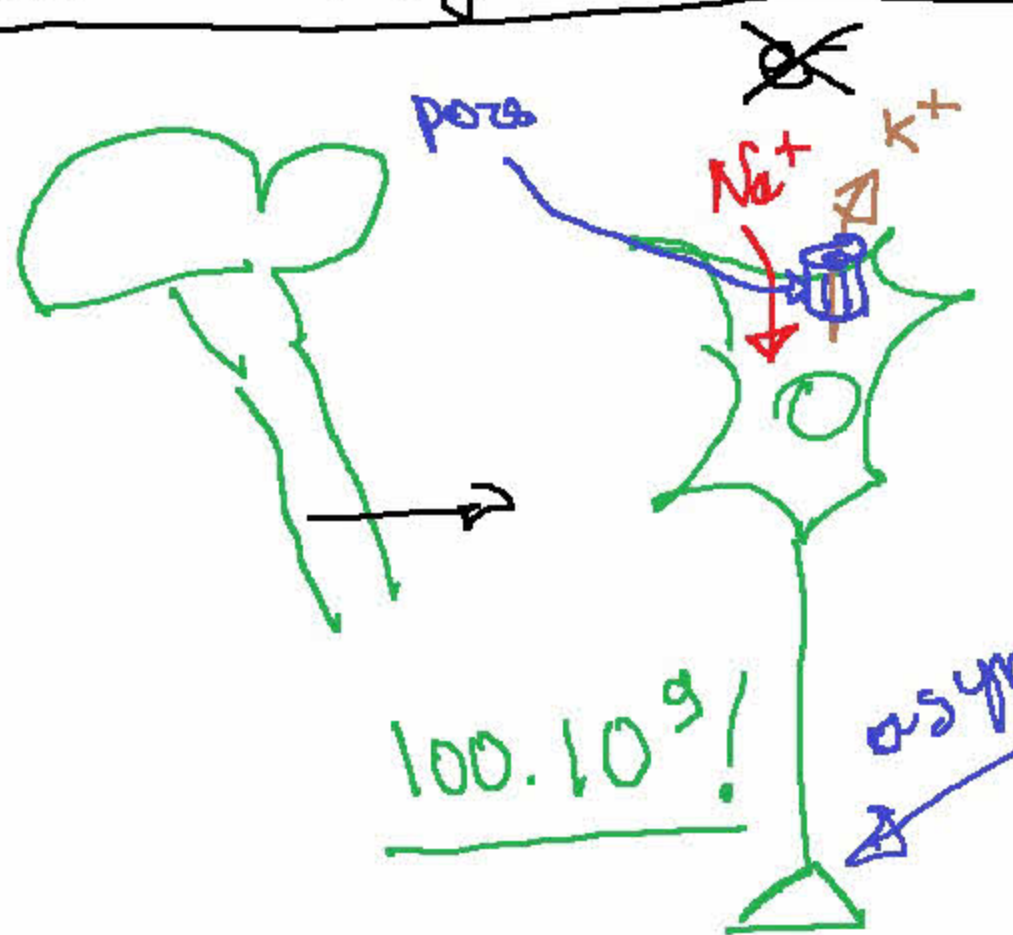
mais :

- Électriquement NEUTRE
- toutes les directions.

III - Cellules Excitables (électriquement actives)



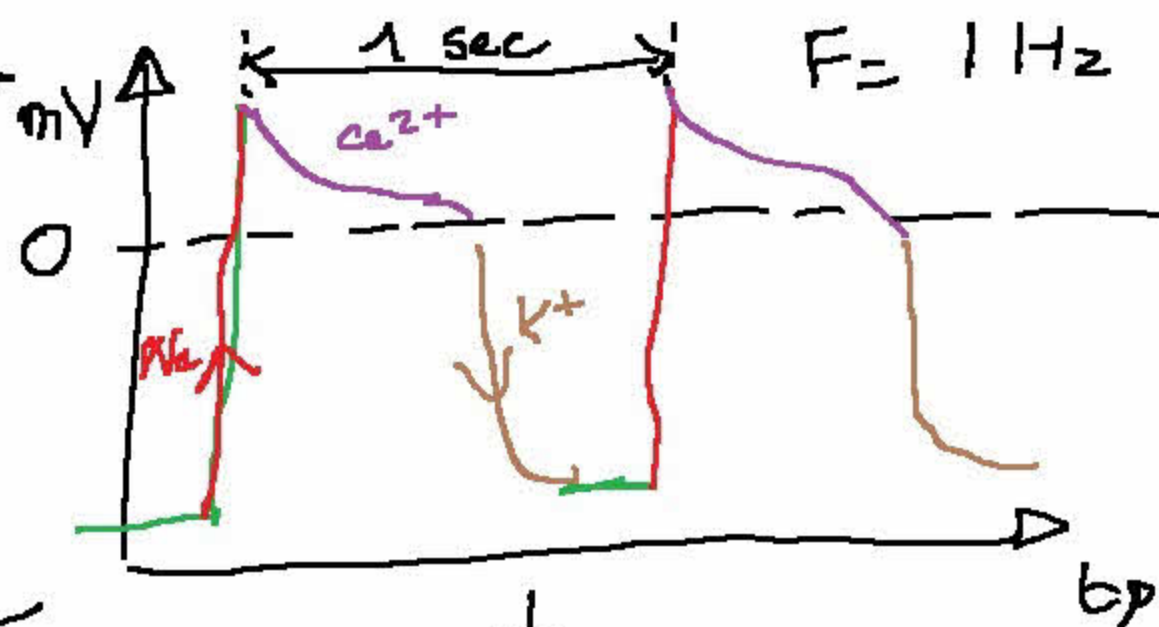
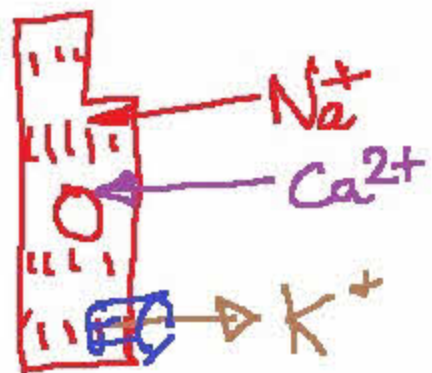
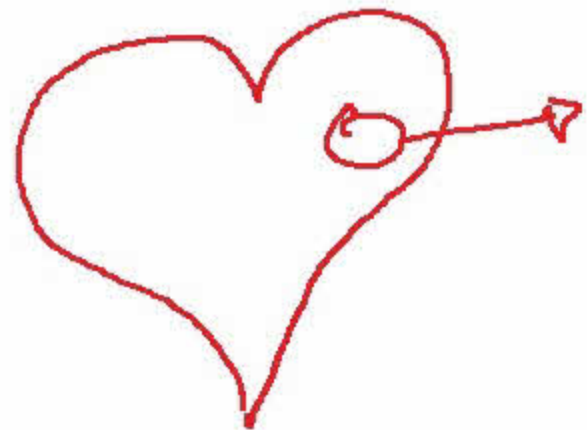
IV- Neurons / Systema Nervosum



asynchron

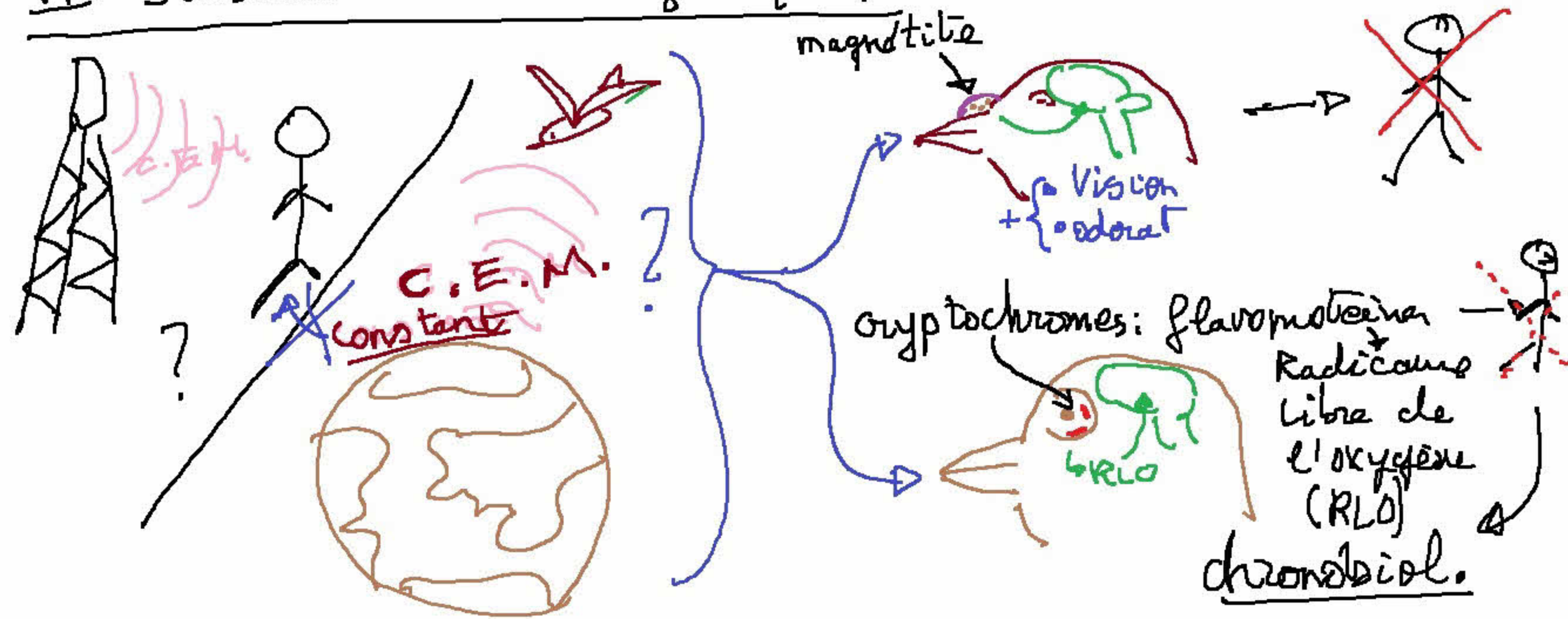
Champ magn. 99 pT
(f. 10⁻¹⁵)
(champ magn. terestra : 50 μT)
⇒ magnitoencephalogramme

V - Le Champ du Cœur ---

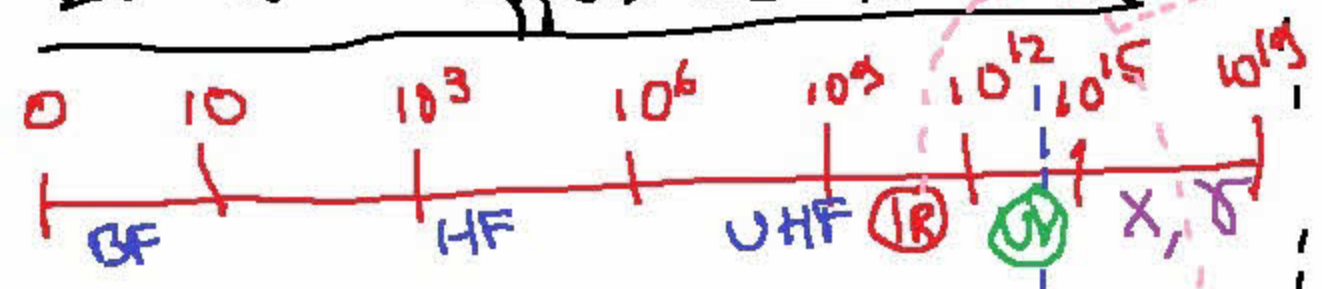


↓
Champ magnétique : 50 pT
($10^3 \times$ cerveau)
cellules synchrones !

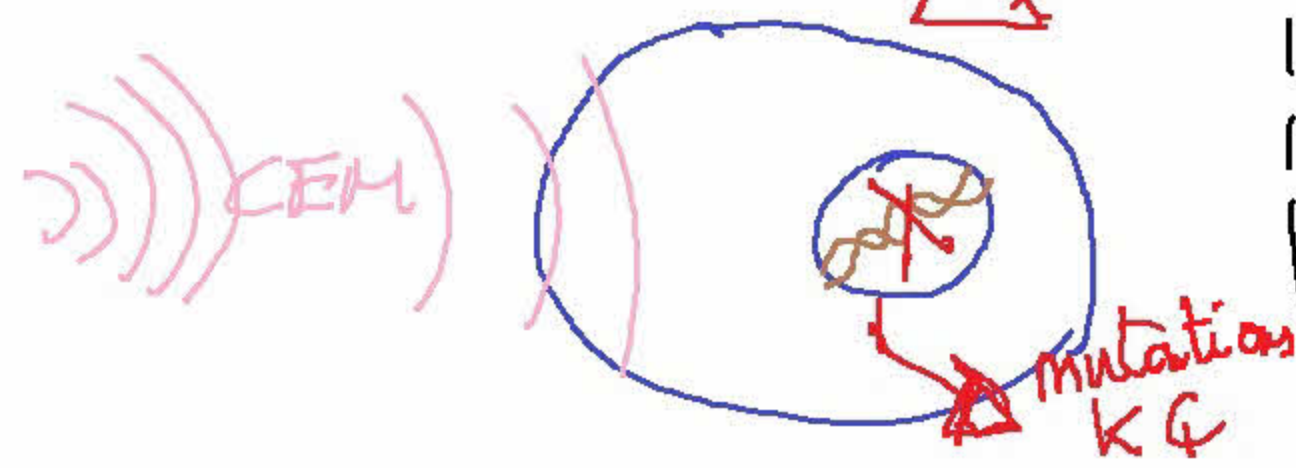
VI - Sensibilité électromagnétique ?



VII - Autres effets des C.E.M.



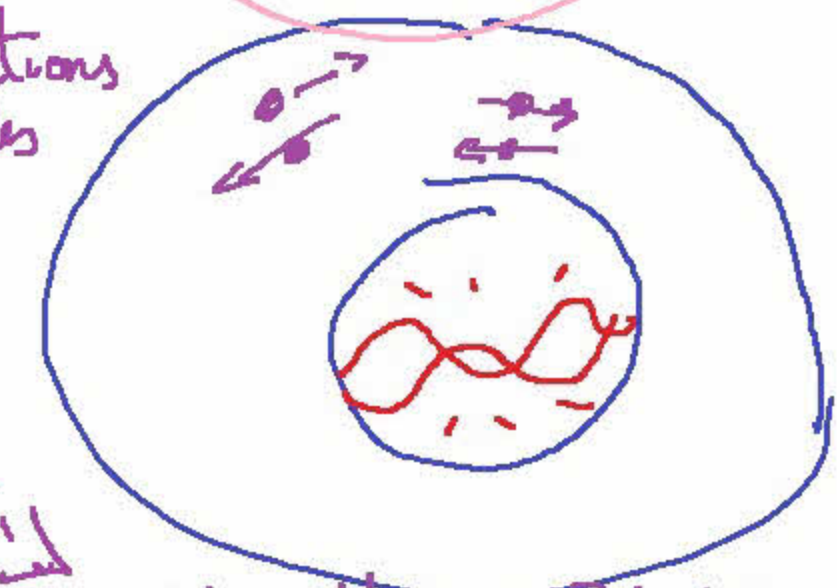
← R. Non ionisants → R. ionisants



(Fréquences de transition)



interactions moléculaires



Effets thermiques.