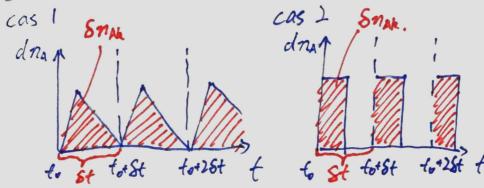
Bilan CC4

Définitions

• FAR =
$$\frac{\delta n_{ab}}{\delta t} = \frac{dn_{ab}}{dt} |_{to}^{to+\delta t}$$
 St; unitaire de temps.

e.g.



dna : E+F=M+C+S MA, x >0 X & {E:F; M; C; S} dna: dnax > 0 x { 6: F: C; 5} c(NA, M ER.

Entrice Formation Yeart

(1)

dna, m = dna, E + dna, E + dna, E - dna, c

Réactif A, soit
$$\frac{dn_A}{dt}$$
) = 0
$$\frac{dn_A}{dt} = \frac{dn_A}{dt} = \frac{dn_A}$$

Produit B. soit
$$\frac{dn_B}{dt}$$
)_c = 0
$$\frac{dn_B}{dt}$$
)_m = $\frac{dn_B}{dt}$)_E - $\frac{dn_B}{dt}$)_s + $\frac{dn_B}{dt}$)_F (2)

$$(1) = \frac{8n_A}{8t}\Big|_{M} = \frac{8n_A}{8t}\Big|_{E} - \frac{8n_A}{8t}\Big|_{S} - \frac{8n_A}{8t}\Big|_{C} = F_{A,E} - F_{A,S} - V.c_A$$

$$(1) = \frac{Sn_B}{St}|_{M} = = F_{B.S} + V.v_B$$

$$(1) \Rightarrow 0 = \frac{F_{A,E}}{Q} - \frac{F_{A,S}}{Q} - \frac{\vee}{Q} \cdot \mathcal{V}_A \Rightarrow \mathcal{V}_A = \frac{Q \cdot [A]_s}{C}$$

$$\Rightarrow \sqrt{s} = \frac{[B]_s - [B]_e}{7}$$

Empérience: A Il fant simplifier la loi de vitesse par

Etude de cinétique. Rappel: 0000 conditions + (3) T = cte. => kapp(ou k)= cte.

Pour les resultats expérimentaux:

hypothèse del'ordre cas simple
$$d \in \{0; 1; 2\}$$
 $v = k_{app} [Ak]^d$.

l'orobe 0:
$$V = k_{app} = \frac{V_{ak}}{|V_{ak}|} = \frac{(Ak)_s - (Ak)_e}{7 \cdot v_{ak}} \Rightarrow 7 = \frac{(Ak)_s}{k_{app} \cdot v_{ak}} - \frac{(Ak)_e}{k_{app} \cdot v_{ak}} = \frac{(Ak)_e}{7 \cdot v_{ak}} = \frac{(Ak$$

l'ordre 1:
$$V = \frac{V_{Ak}}{|V_{Ak}|} = \frac{V_{Ak}}{|V_{Ak}|} = \frac{V_{Ak}}{|V_{Ak}|} = \frac{1}{V_{Ak}} =$$