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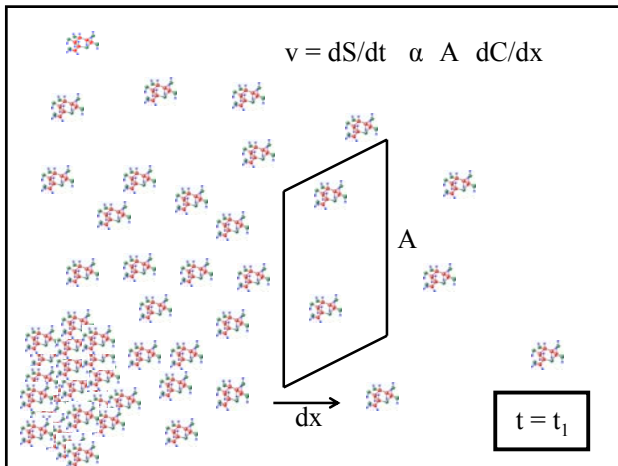
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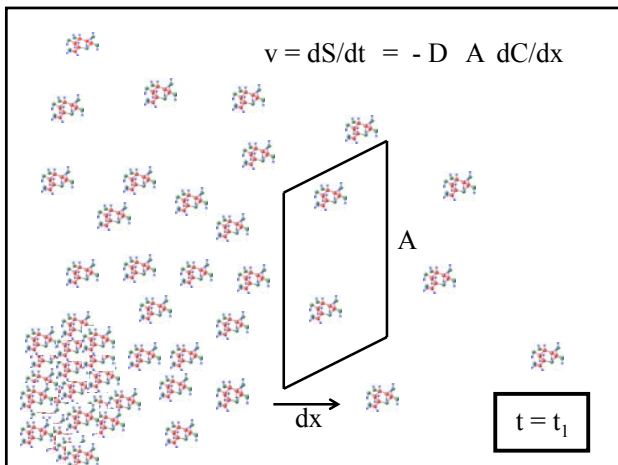
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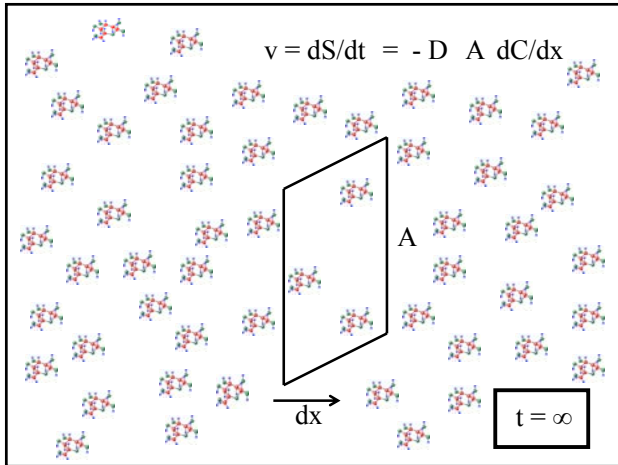
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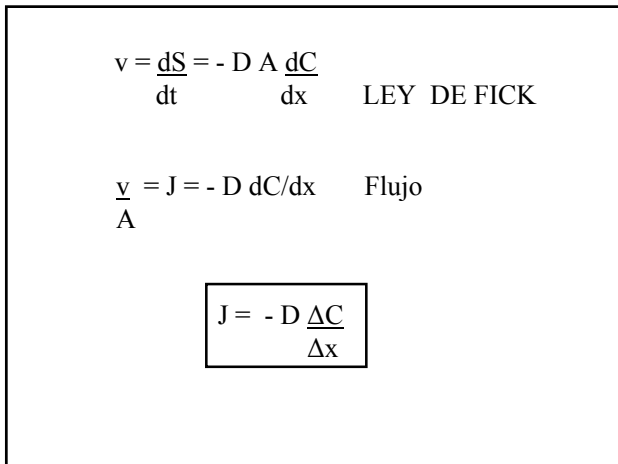
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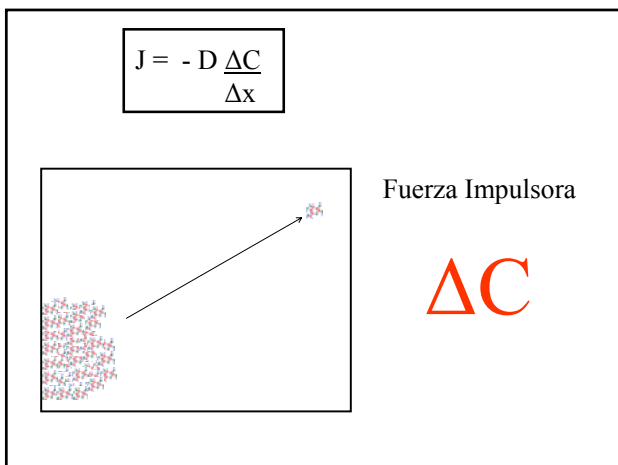
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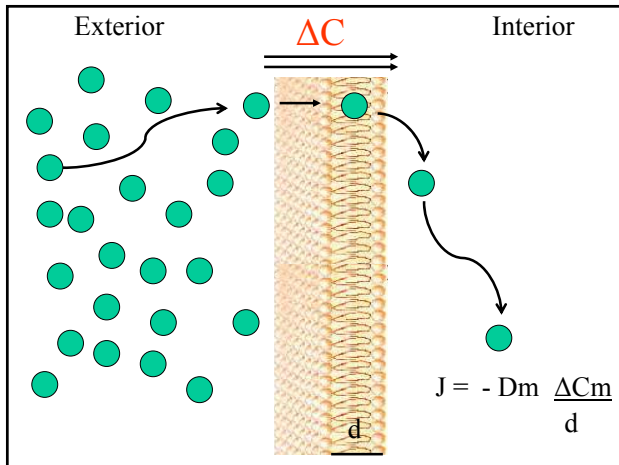
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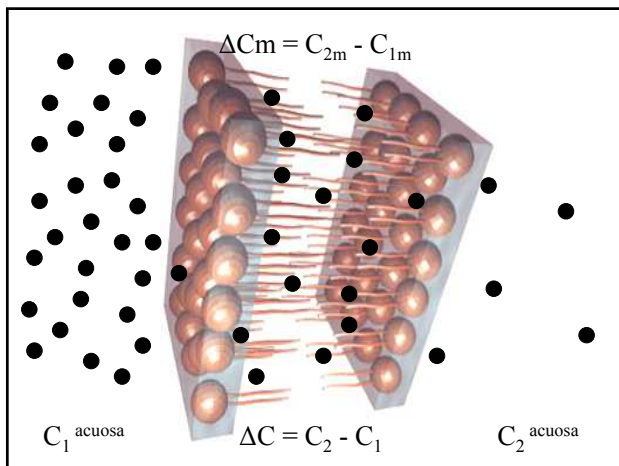
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En solución	En la membrana
$J = - D \frac{\Delta C}{\Delta x}$	$J = - Dm \frac{\Delta C_m}{d}$
	$\Delta C_m = C_{2m} - C_{1m}$
	$J = - \frac{Dm}{d} (C_{2m} - C_{1m})$
	$J = \frac{Dm}{d} (C_{1m} - C_{2m})$

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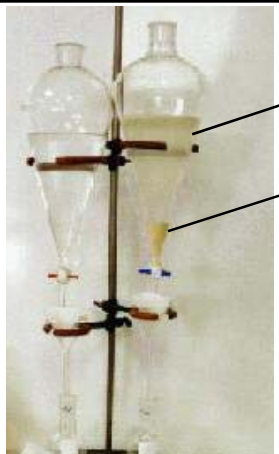
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Fase Orgánica (Hexano)

Fase Acuosa

$$\beta = \frac{C_o}{C_a} \approx \frac{C_m}{C_{\text{agua}}}$$

Coefficiente de partición

$$C_m = \beta C_{\text{agua}}$$


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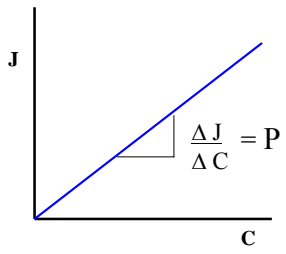
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$$J = \frac{Dm}{d} (C_{1m} - C_{2m}) \quad \text{y} \quad C_m = \beta C_{\text{agua}}$$

$$J = \frac{Dm}{d} (\beta C_1 - \beta C_2)$$

$$J = \frac{Dm}{d} \beta (C_1 - C_2)$$

$$J = P (C_1 - C_2)$$



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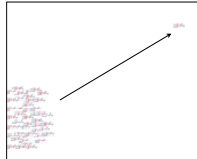
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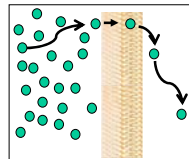
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En solución



$$J = -D \frac{\Delta C}{\Delta x}$$

En una membrana



$$J = P (C_1 - C_2)$$

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