

$$1. \iiint_V n(M, t) \cdot d\tau = - \iint_S \vec{j}(M, t) \cdot d\vec{S} = - \iiint_V \operatorname{div} \vec{j} d\tau$$

$$2. \frac{\partial n}{\partial t} + \operatorname{div} \vec{j} = 0, \text{ ce qui donne ici } j = \frac{A}{r}$$