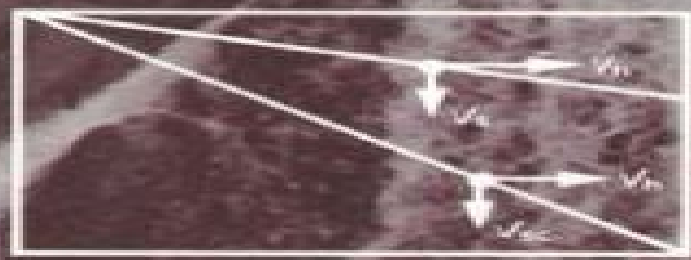


$$\frac{\partial C_A}{\partial t} \Delta V = Q C_A|_x - Q C_A|_{x+\Delta x} + S \Delta V$$



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