OD:
$$\frac{\partial}{\partial t}V_{m} = c_{2}I_{\text{ion}}(V_{m}, \mathbf{y})$$

$$\frac{\partial}{\partial t}\mathbf{y} = G(V_{m}, \mathbf{y})$$

$$dt_{0D} \quad dt_{0D}$$

$$1D: \quad \frac{\partial}{\partial t}V_{m} = c_{1}\frac{\partial^{2}}{\partial x^{2}}V_{m}$$

$$dt_{1D} \quad dt_{1D} \quad dt_{1D}$$

$$0D: \quad \frac{\partial}{\partial t}V_{m} = c_{2}I_{\text{ion}}(V_{m}, \mathbf{y})$$

$$\frac{\partial}{\partial t}\mathbf{y} = G(V_{m}, \mathbf{y})$$

$$dt_{0D} \quad dt_{0D}$$

$$t^{(i)} + dt_{\text{splitting}}/2 \qquad t^{(i+1)}$$