

$$\nabla^2 \bar{A} = \gamma \frac{\partial^2}{\partial t^2} \left[\bar{A} + \beta \left[2(\nabla \times \bar{A}) - \beta \nabla^2 \bar{A} \right] \right] + \alpha \frac{\partial}{\partial t} \left[\left(\bar{A} + \beta (\nabla \times \bar{A}) \right) \right]$$