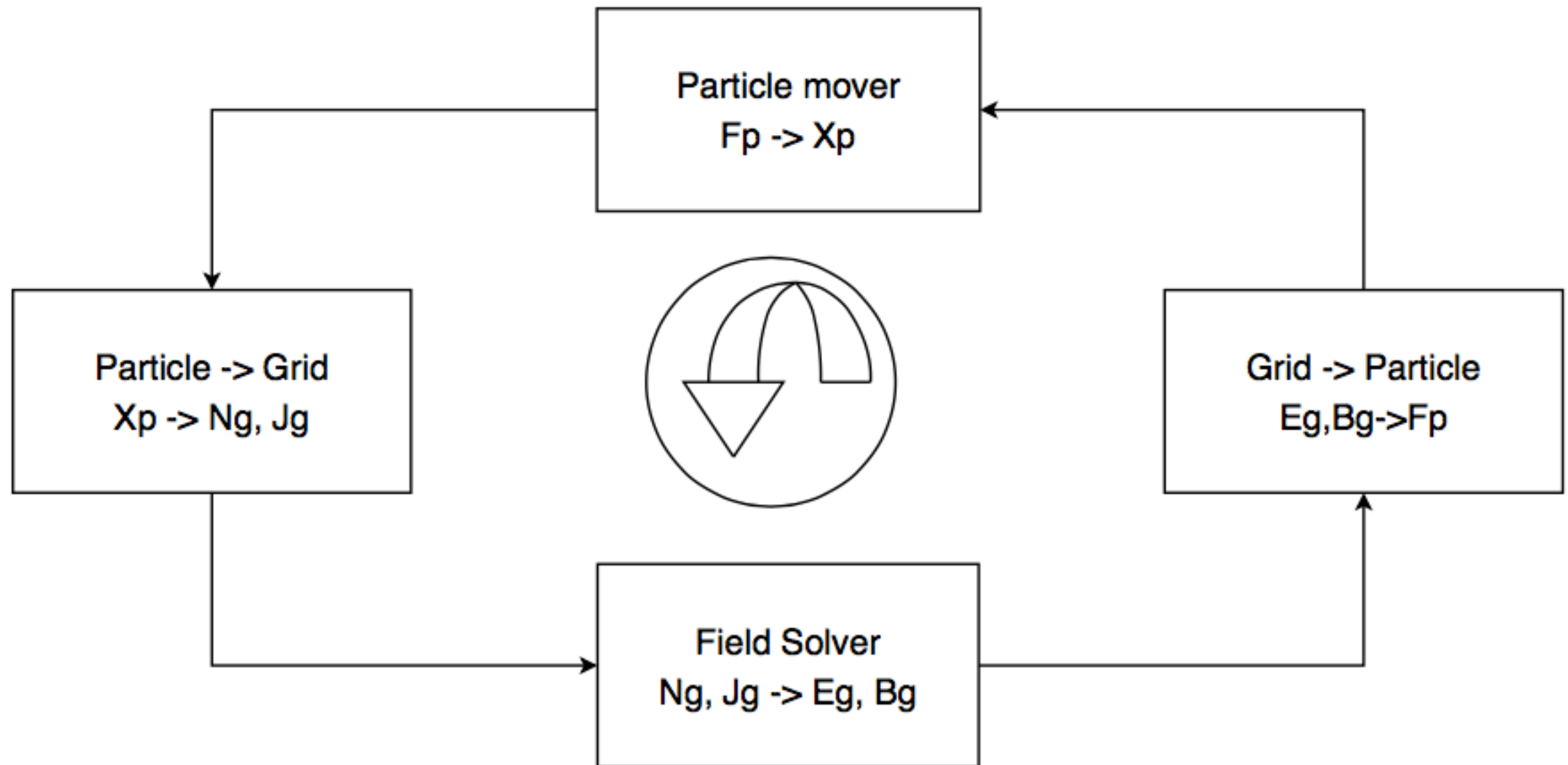
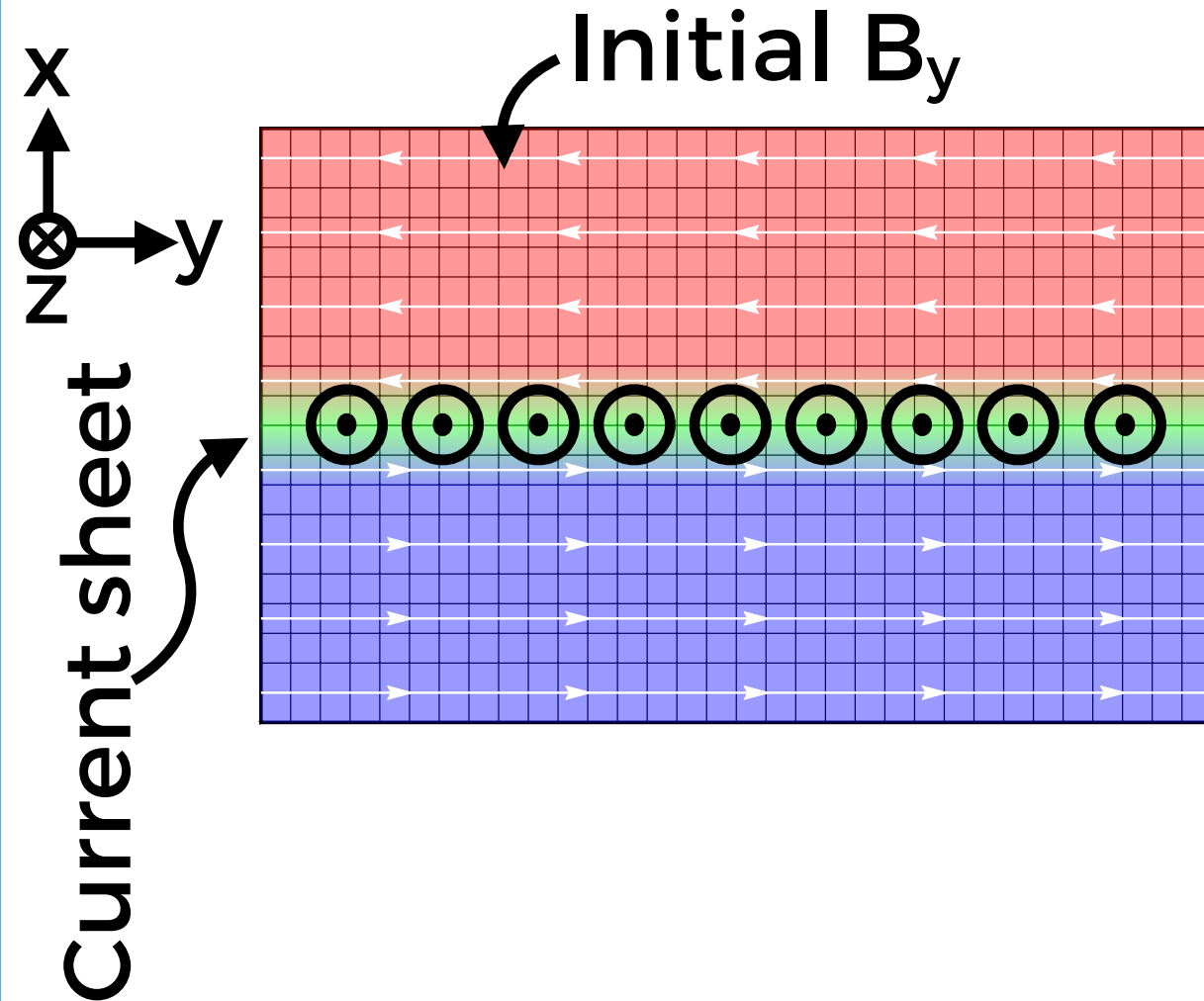


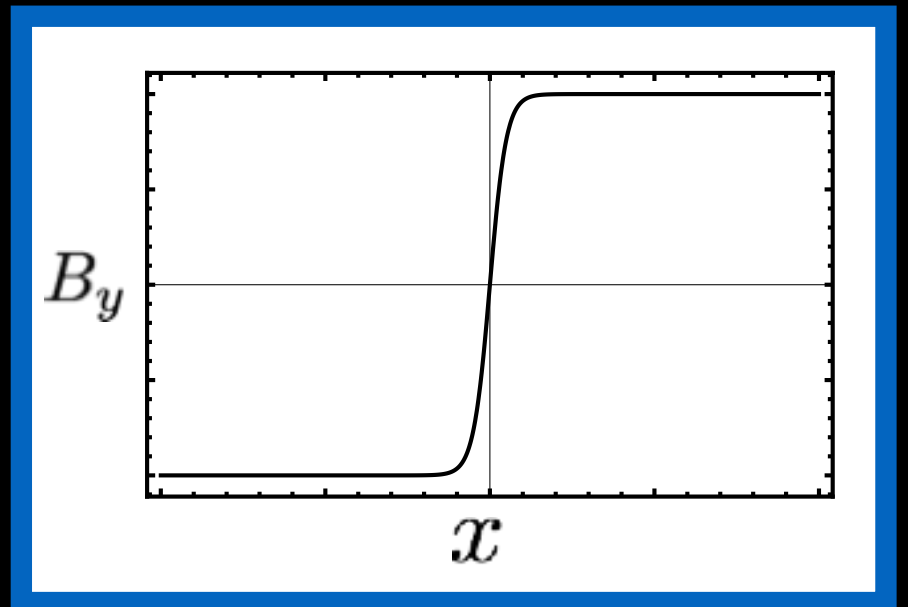
# Particle-in-cell loop



# Start with alternating $\vec{B}$ -field and trigger reconnection



- ▶ B-field initialized in Harris equilibrium



$$\mathbf{B} = B_0 \tanh(x/L) \mathbf{e}_y$$

- ▶ Hot, overdense strip of particles at beginning (green)
- ▶ Remove the particle pressure in center to drive reconnection