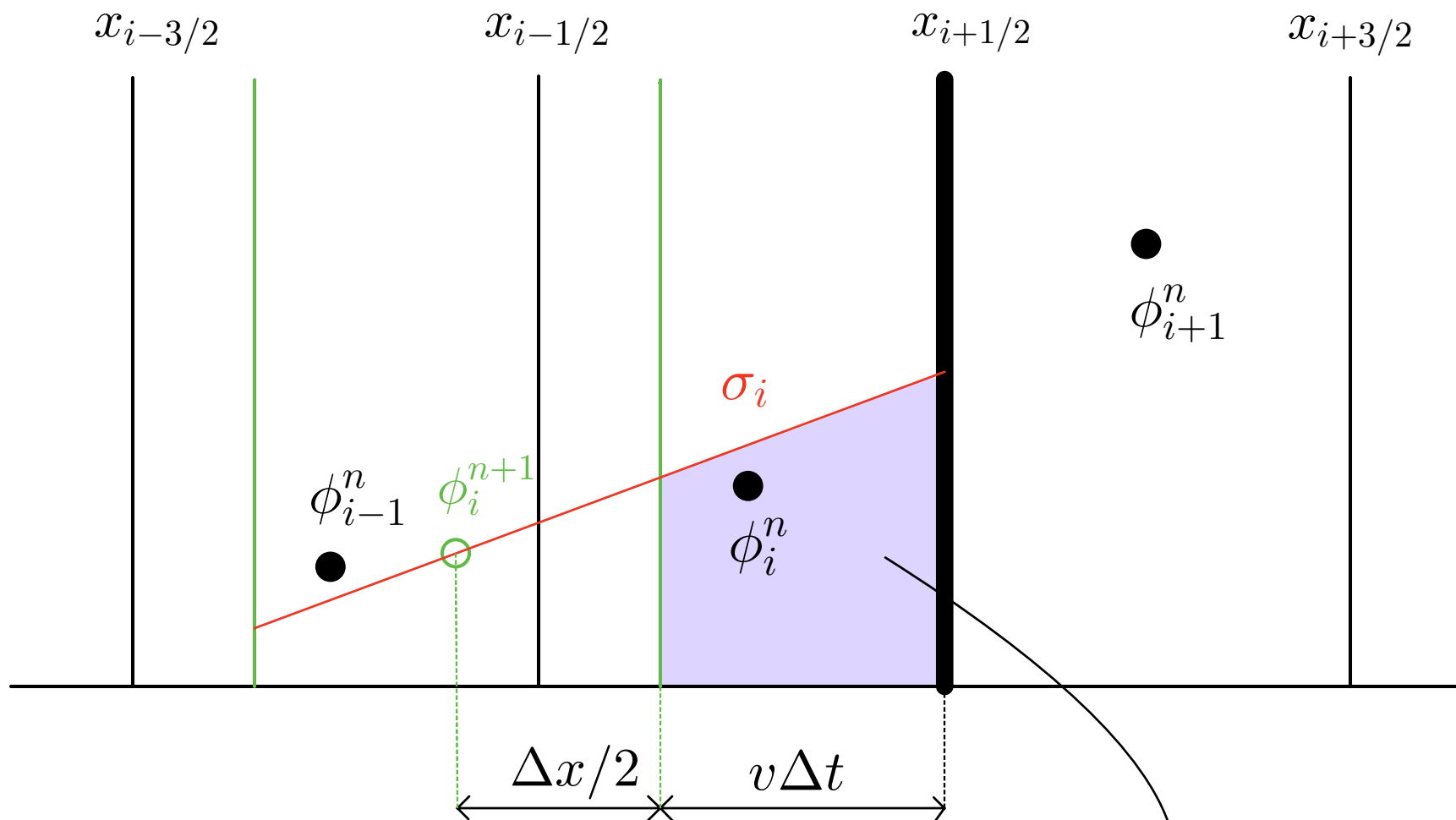


$$v > 0, \quad v\Delta t < \Delta x$$



$$\left[\phi_i^{n+1} + \sigma_i \left(\frac{\Delta x}{2} + \frac{v\Delta t}{2} \right) \right] v\Delta t$$