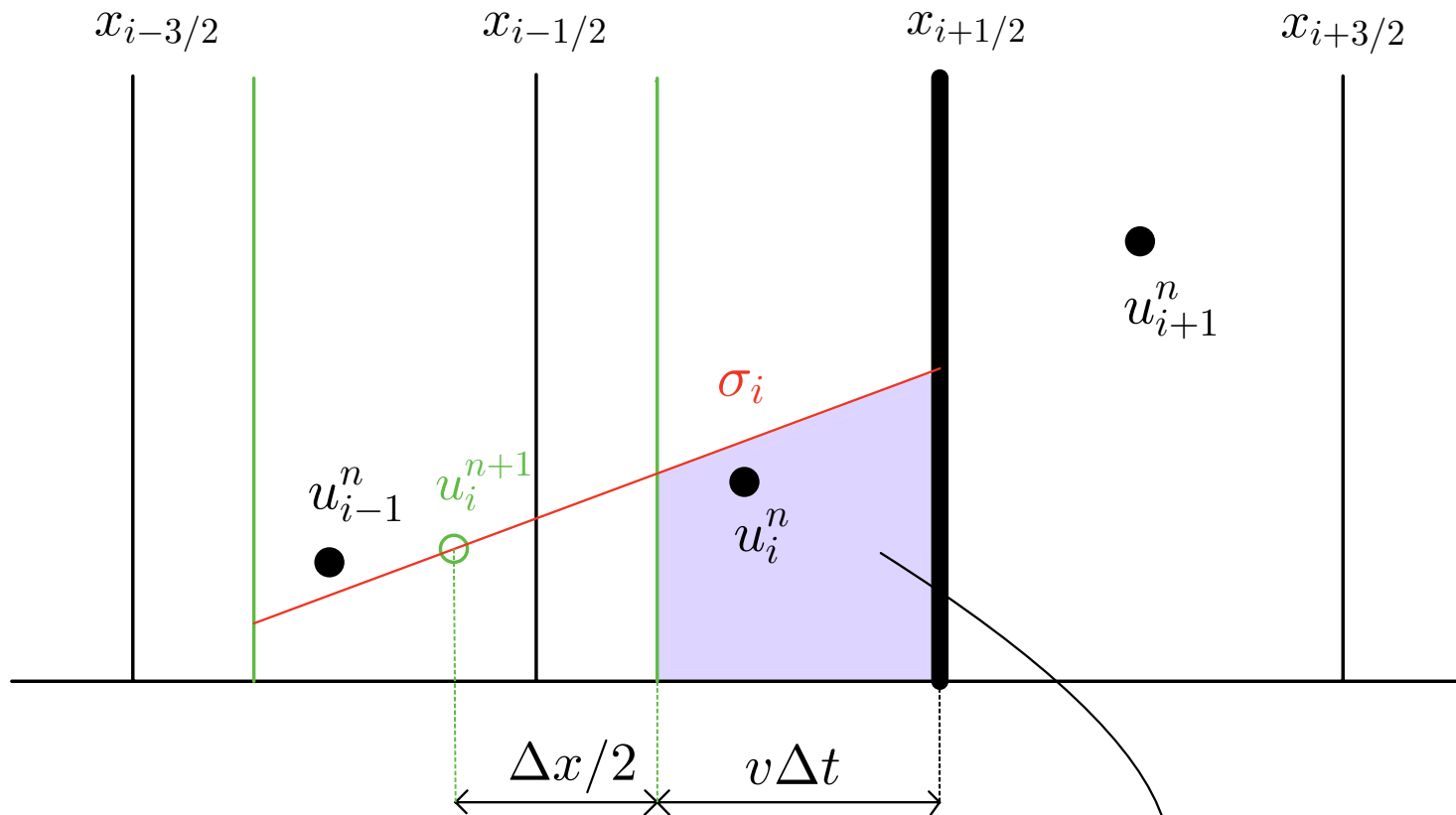


$$v > 0, \quad v\Delta t < \Delta x$$



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