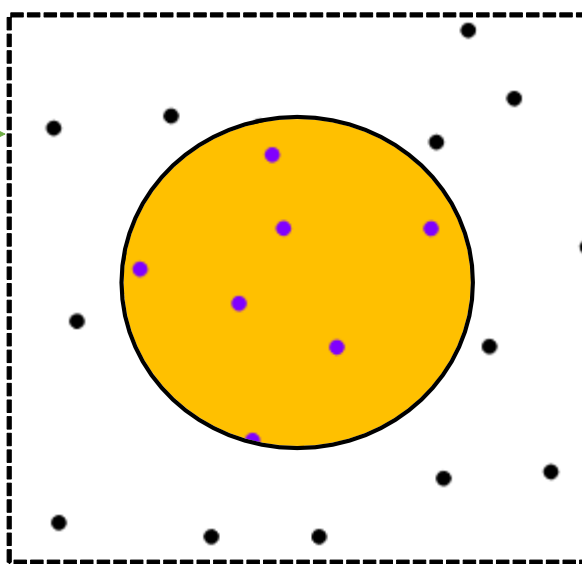


(a)

Particulate fraction at equilibrium value

Gas-phase loss is faster than particle-phase loss

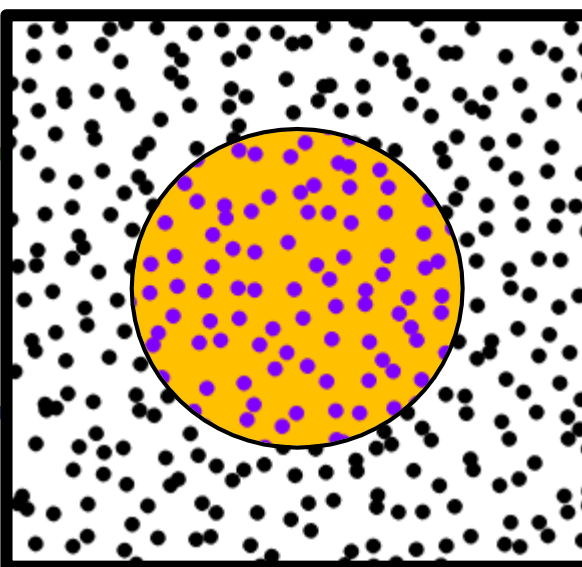
Particle-phase loss is faster than gas-phase loss



Fast Partitioning

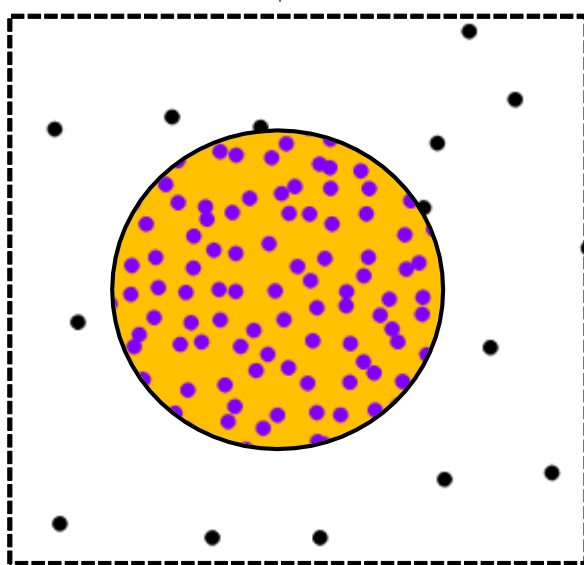
Gas-phase loss is faster than particle-phase loss

Particle-phase loss is faster than gas-phase loss

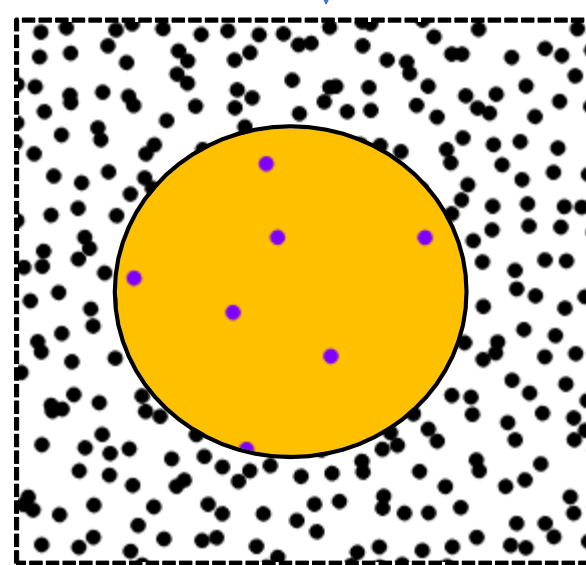


Initial State

Slow Partitioning



Particulate fraction larger than equilibrium value



Particulate fraction smaller than equilibrium value

(b)

(c)