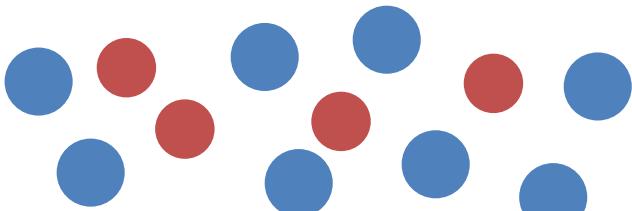
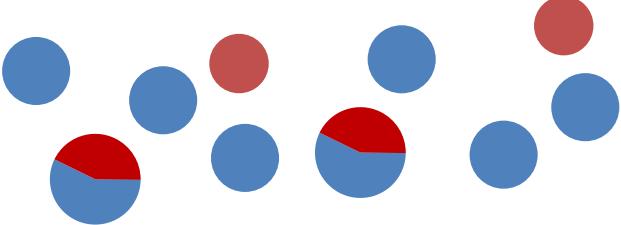


„Reality“

4 droplets of mass μ_i
8 droplets of mass μ_j



Collection of $v_{coll} = 2$ droplets

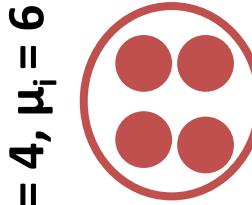


2 droplets of mass $\mu_i = 6$
6 droplets of mass $\mu_j = 9$
2 droplets of mass $\mu_i + \mu_j = 15$

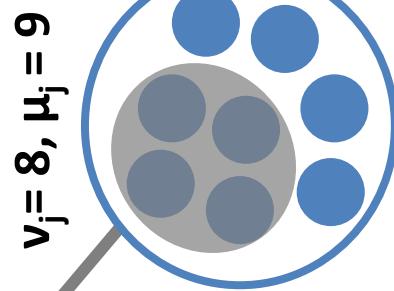
AON algorithm

i-j-combination with $v_i < v_j$

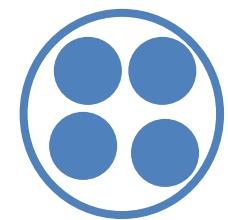
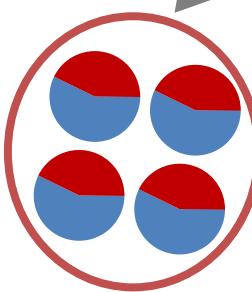
SIP i



SIP j



Collection occurs only, if $p_{crit} = v_{coll}/v_i > \text{rand}()$



$$v_i^{\text{new}} = v_i \\ \mu_i^{\text{new}} = \mu_i + \mu_j = \\ 15$$

$$\mu_j^{\text{new}} = \mu_j \\ v_j^{\text{new}} = v_j - v_i = \\ = 8 - 4 = 4$$