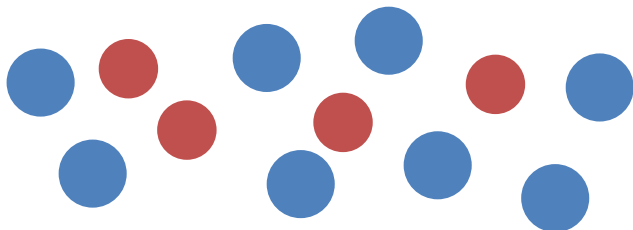


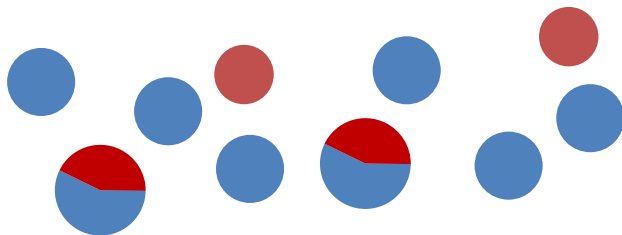
BEFORE

„Reality“

4 droplets of mass μ_i
8 droplets of mass μ_j



Collection of $v_{\text{coll}} = 2$ droplets



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

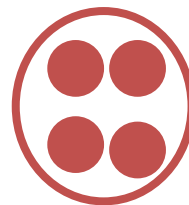
AFTER

AON algorithm

i-j-combination with $v_i < v_j$

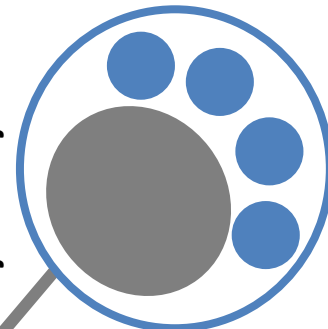
SIP i

$v_i = 4, \mu_i = 6$

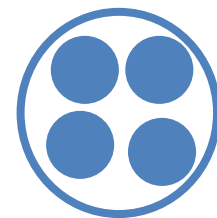
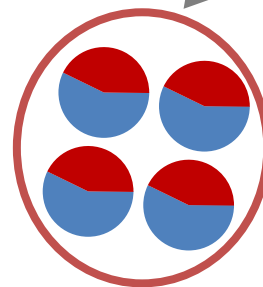


SIP j

$v_j = 8, \mu_j = 9$



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



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

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