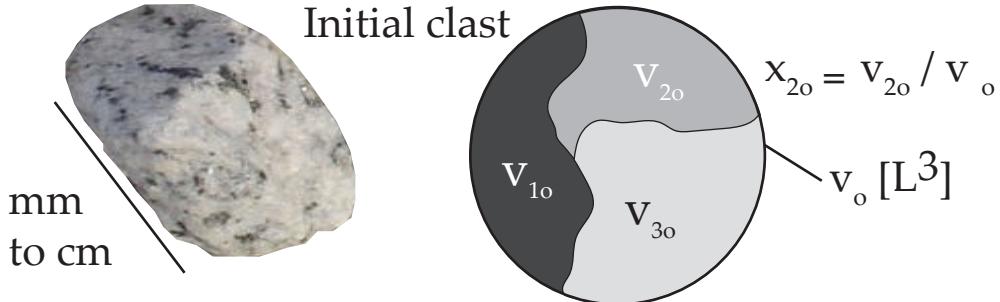
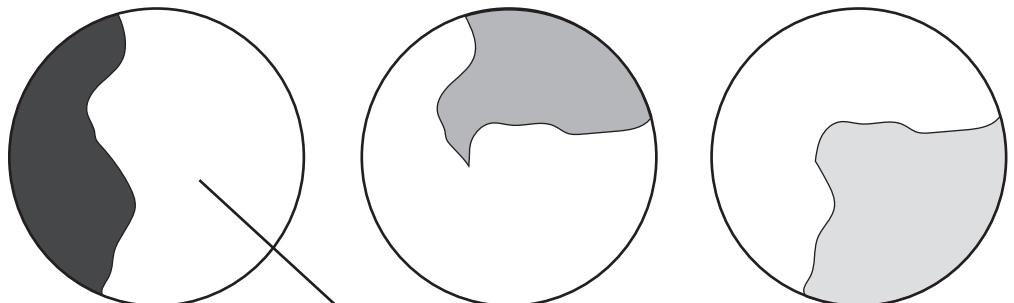


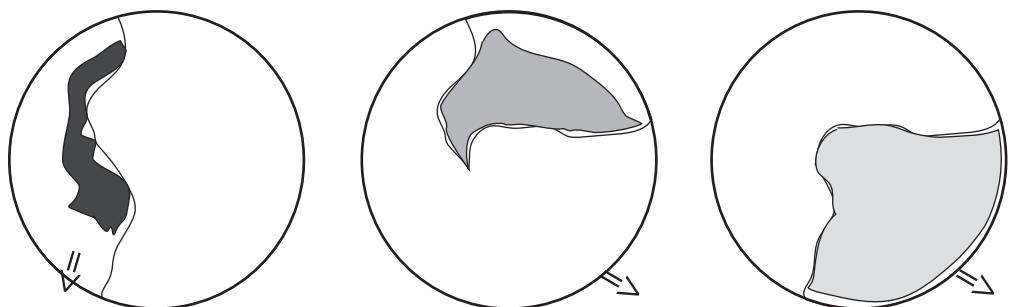
# Reality (three minerals) Model (three minerals 1, 2, 3)



"Equivalent spheres":



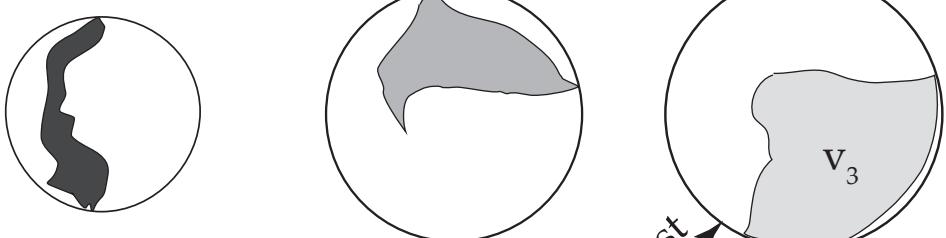
Dissolution:



Mineral lost  $[L^3]$ :

$\delta V_1 = x_{1o} \cdot \omega_1 \cdot dt$

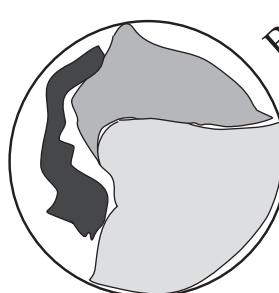
New equivalent spheres:



New clast  
after  $dt$

Bigest

New sphere radius:  
 $r_3 = (3 / 4\pi \cdot V_3 / x_{3o})^{1/3}$



Lost material  $[L^3]$ :

$\delta V_c = \delta V_1 + \delta V_2 + \delta V_3$