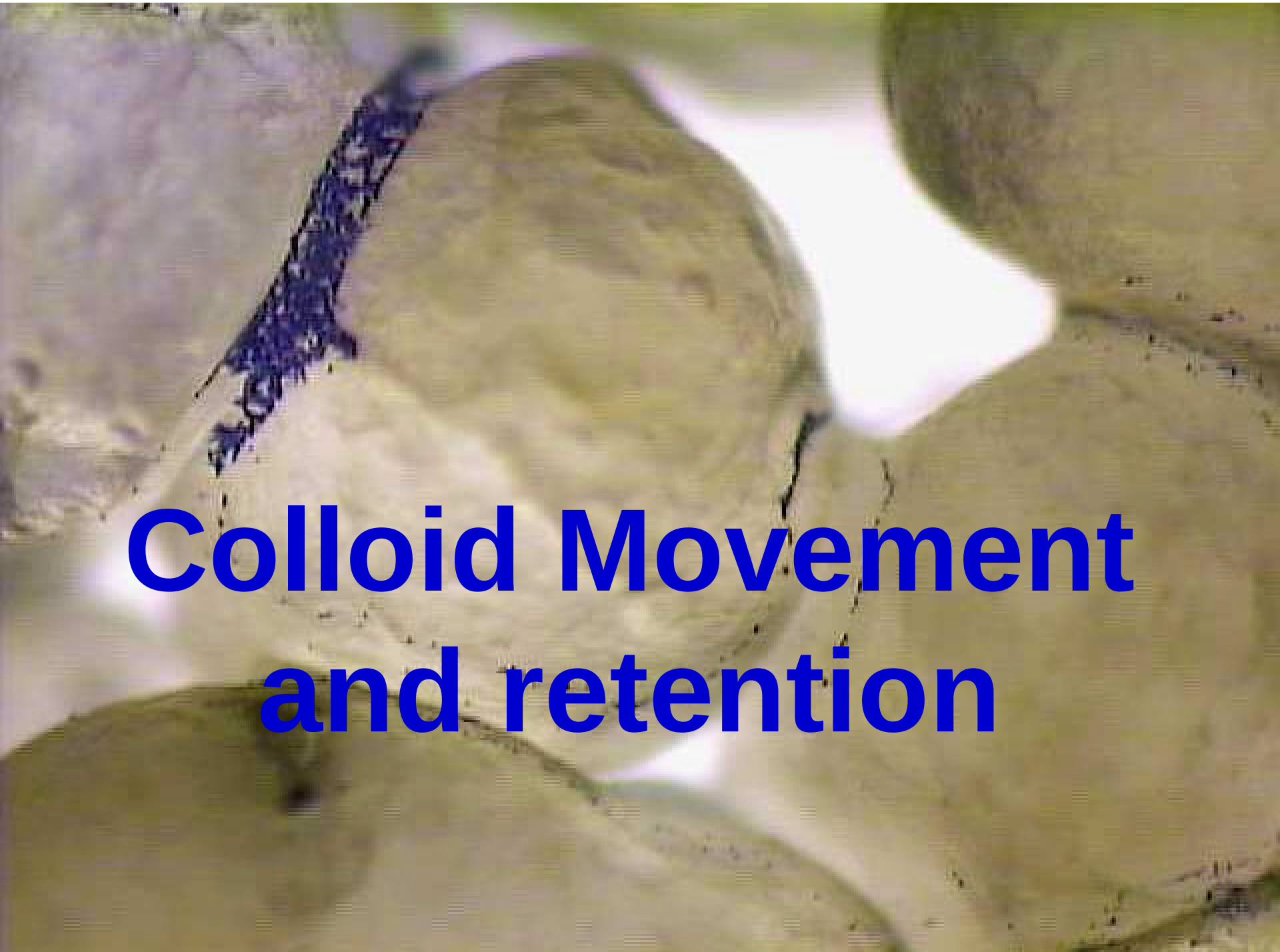
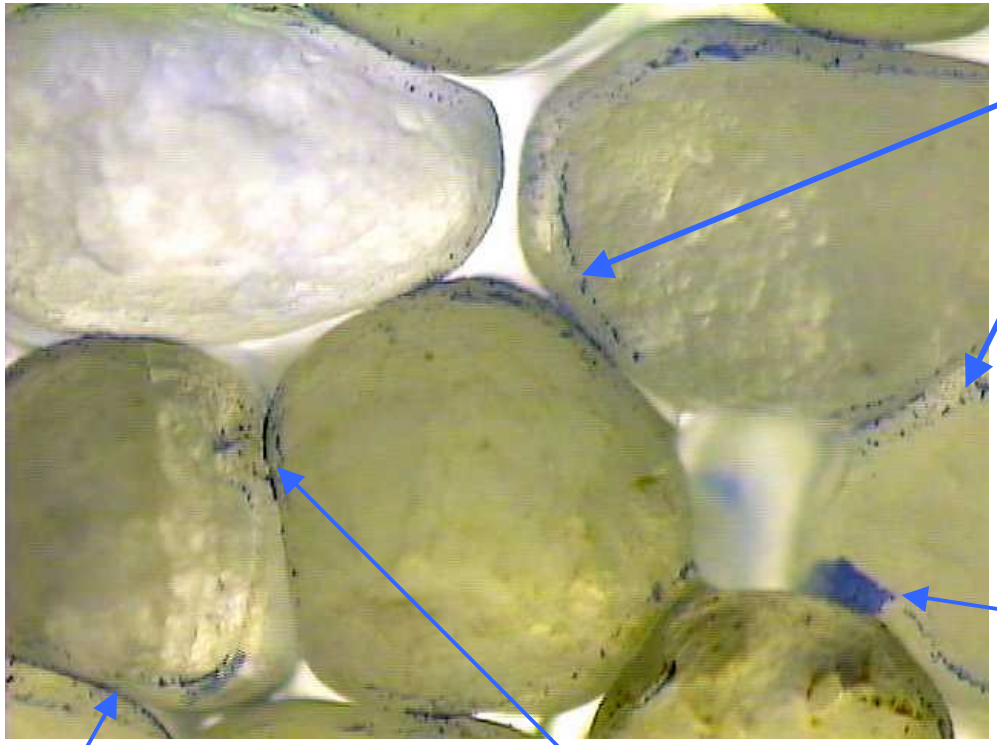


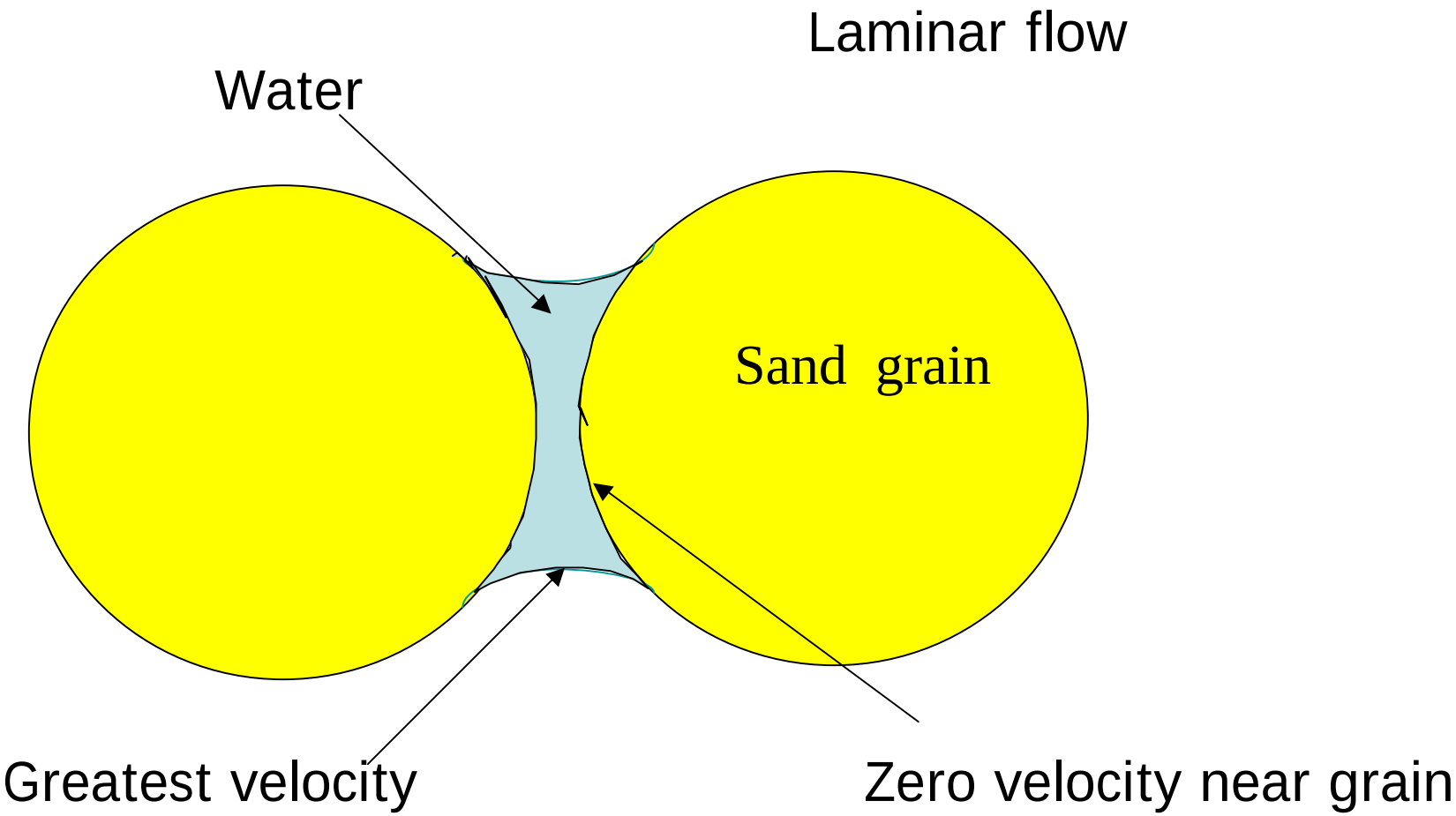
Colloid Movement and retention

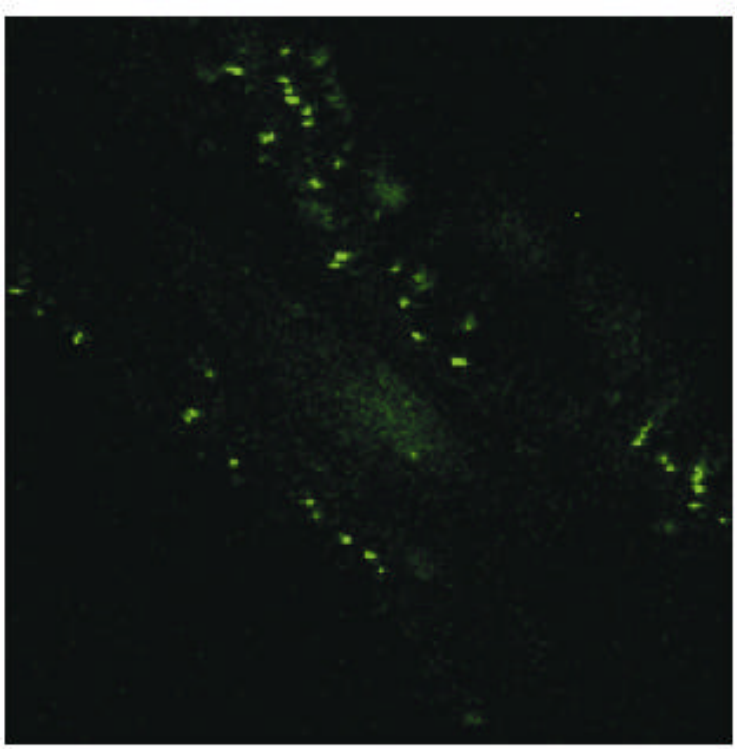
Various sorption mechanisms of colloid :

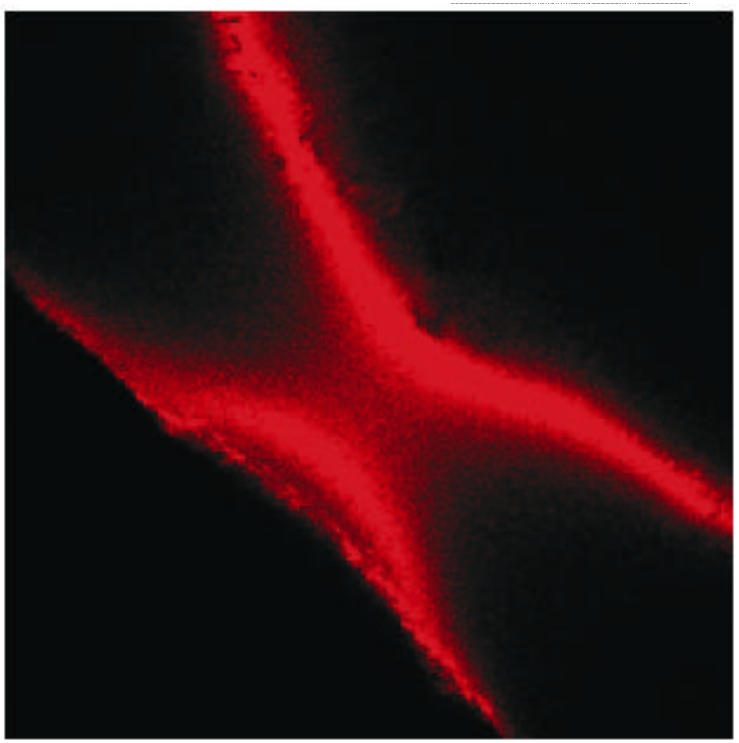


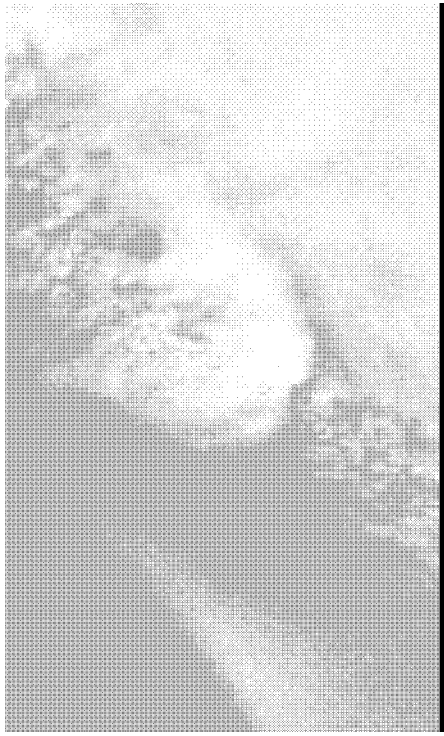
mpeg AWS→

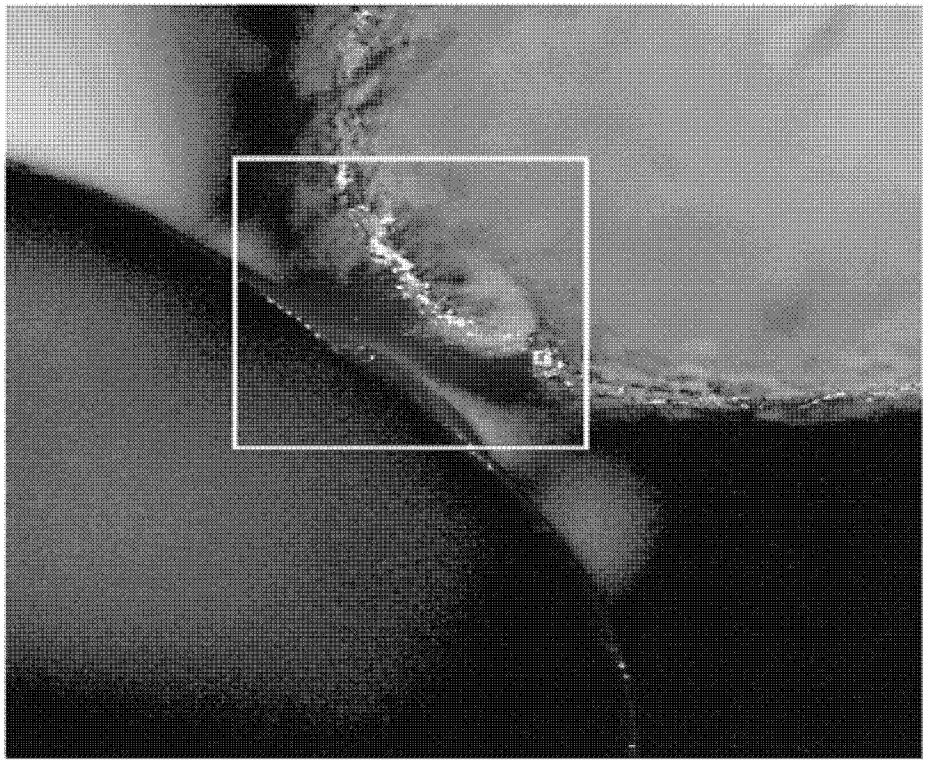
Cross section of two grains with pendular ring



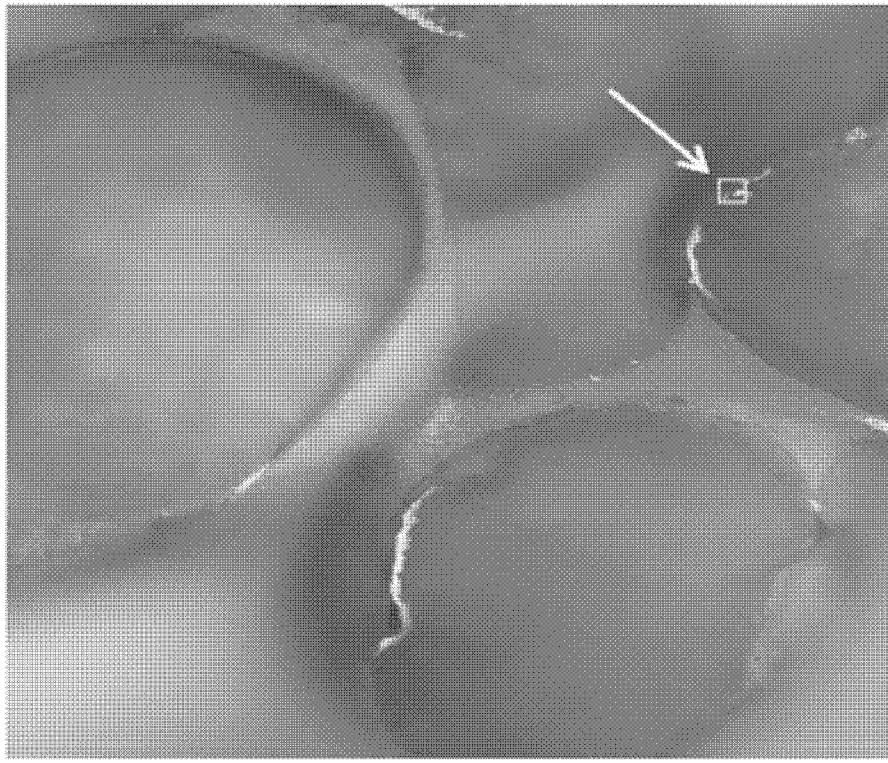




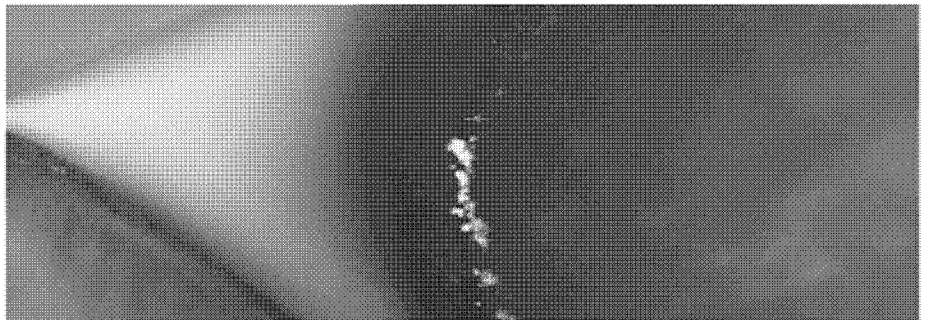




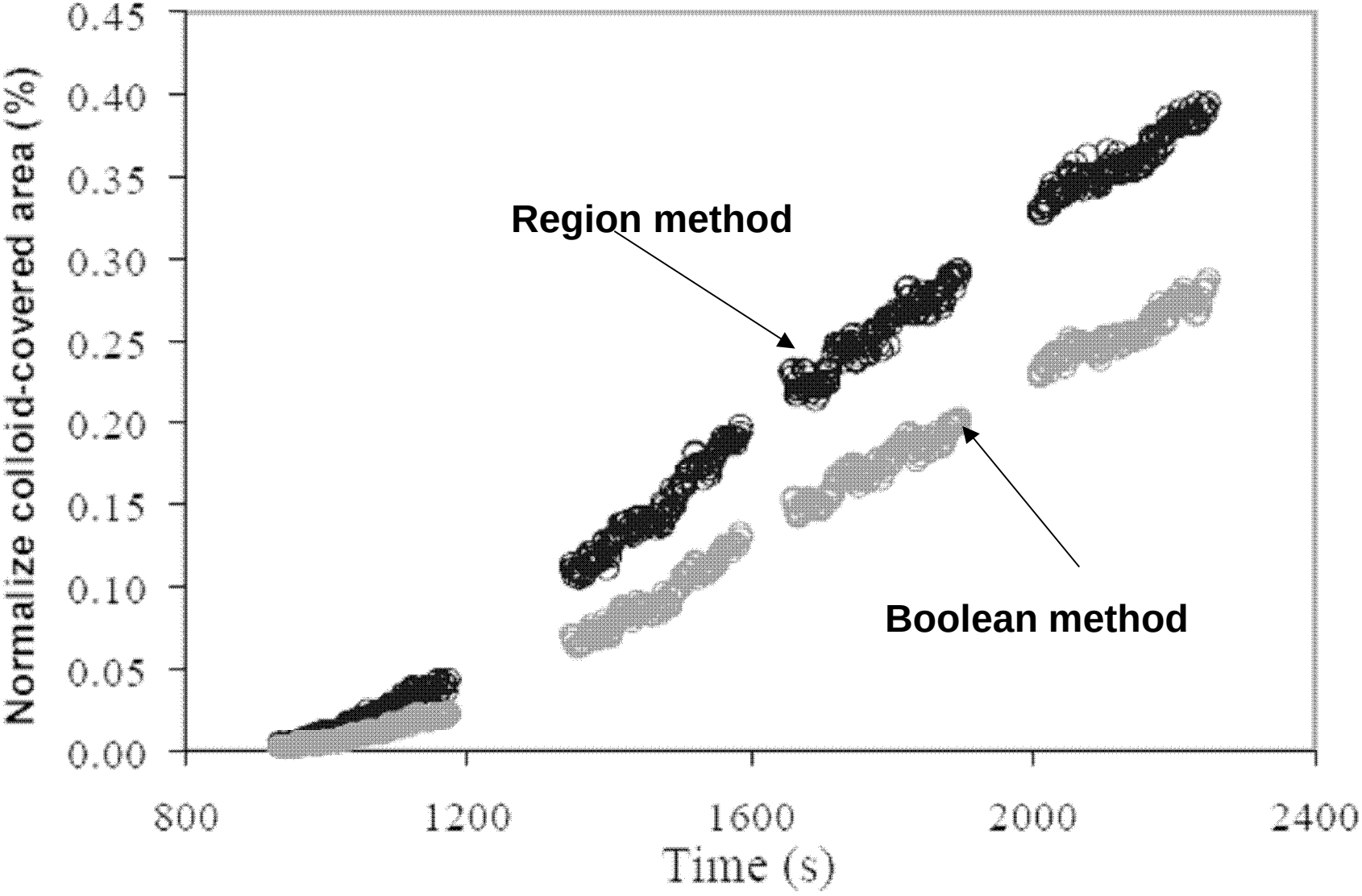
(a)



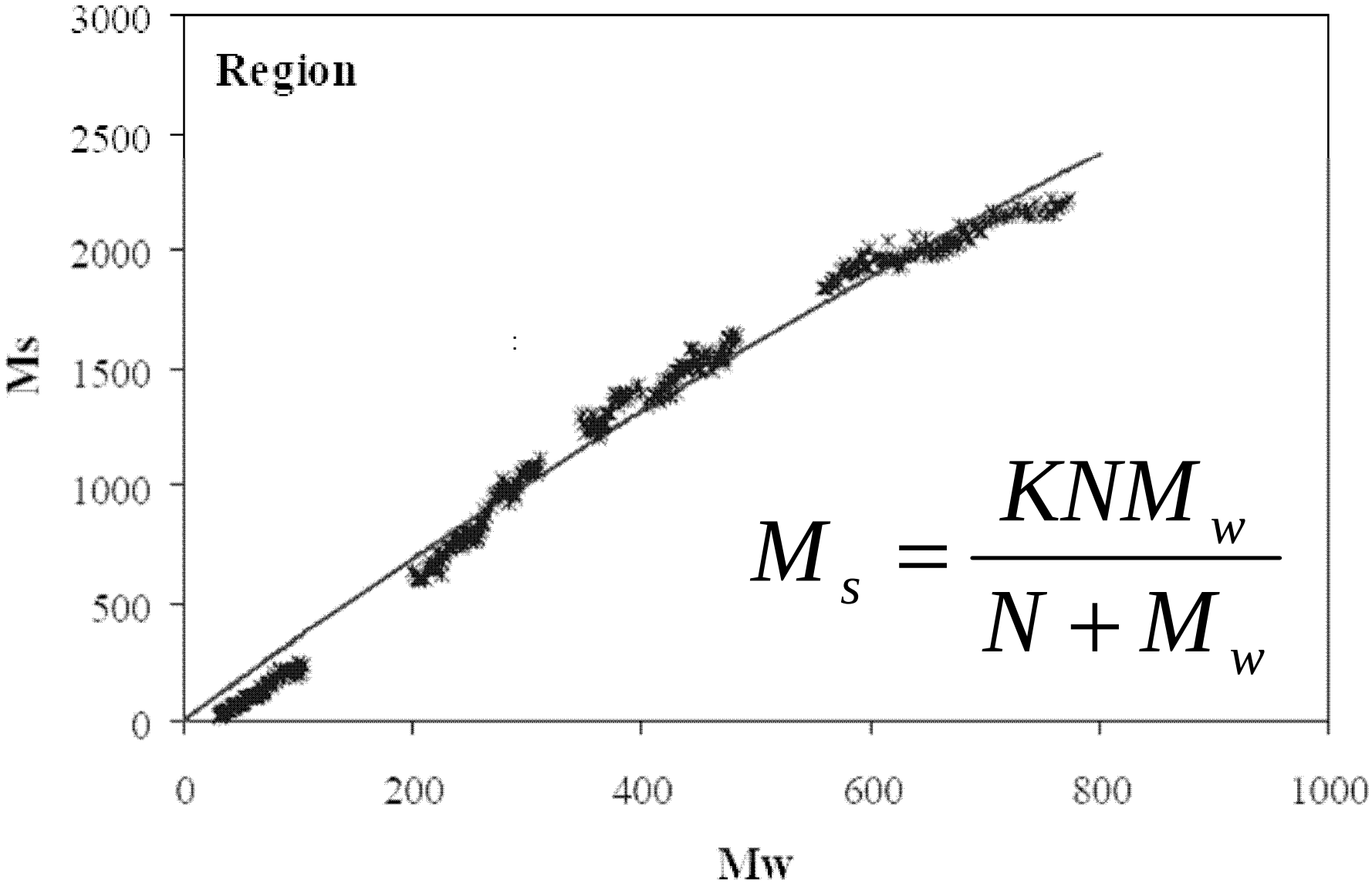
(b)



Number of colloid attached



(c)


Region
3000
2500
2000
1500
1000
500
0
Ms
0
200
400
600
800
1000
Mw
$M_s = \frac{KNM_w}{N + M_w}$