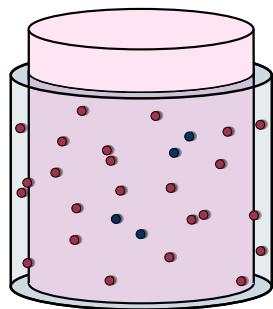
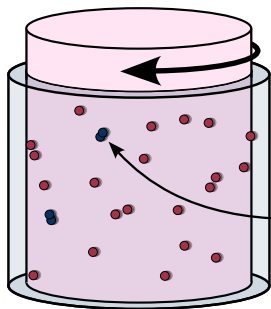
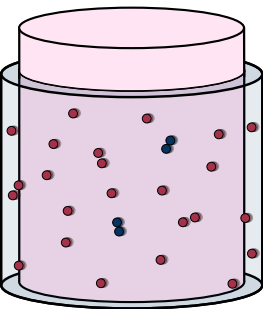
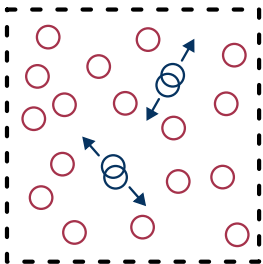


cycle de cisaillement



interaction
irréversible



pas de temps stroboscopique

