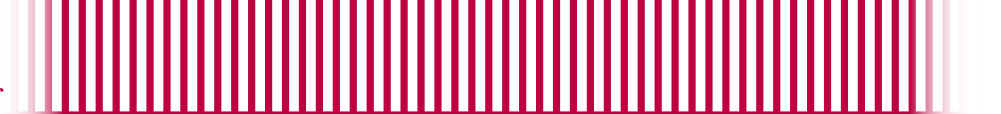
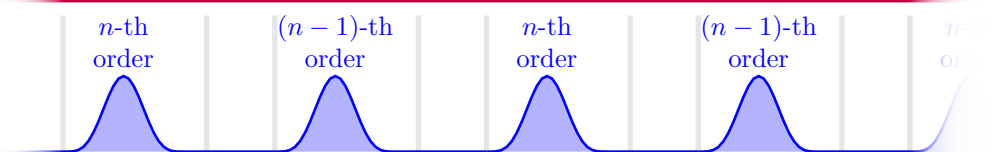


(C)

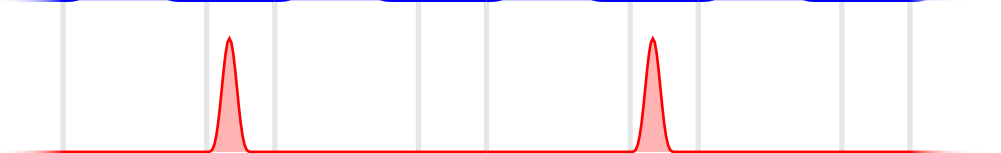
**Tweezer**



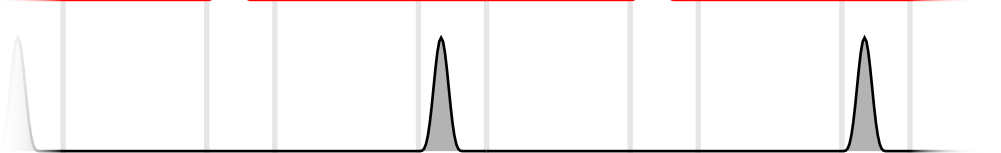
**Axis 1**  
*Axial*



**Axis 2**  
*Radial*



**Axis 3**  
*Radial*



**Optical  
pumping**



One cooling cycle

$t$