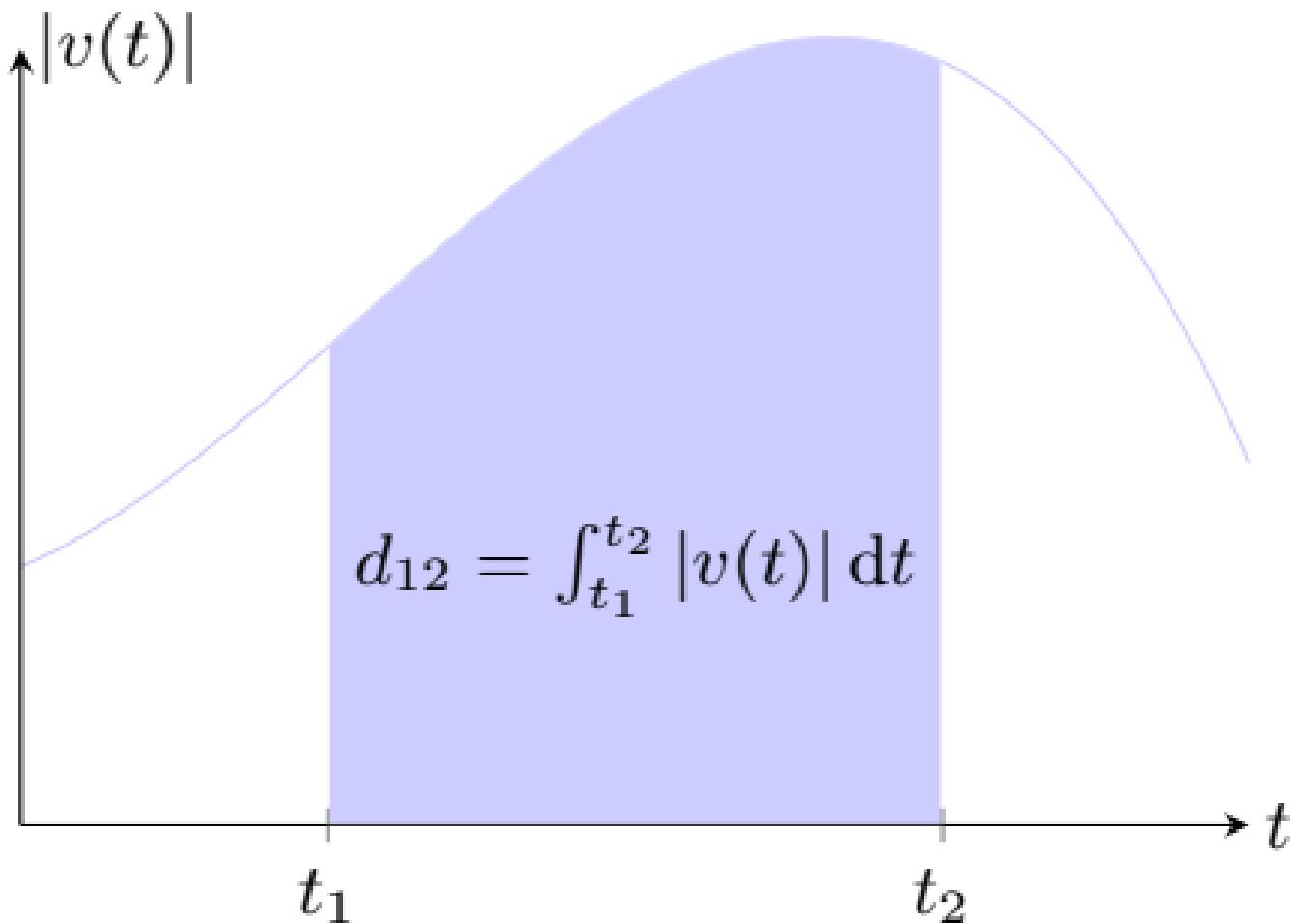


$$\vec{d}_{AB} = \frac{\Delta \vec{v}}{\Delta t}$$

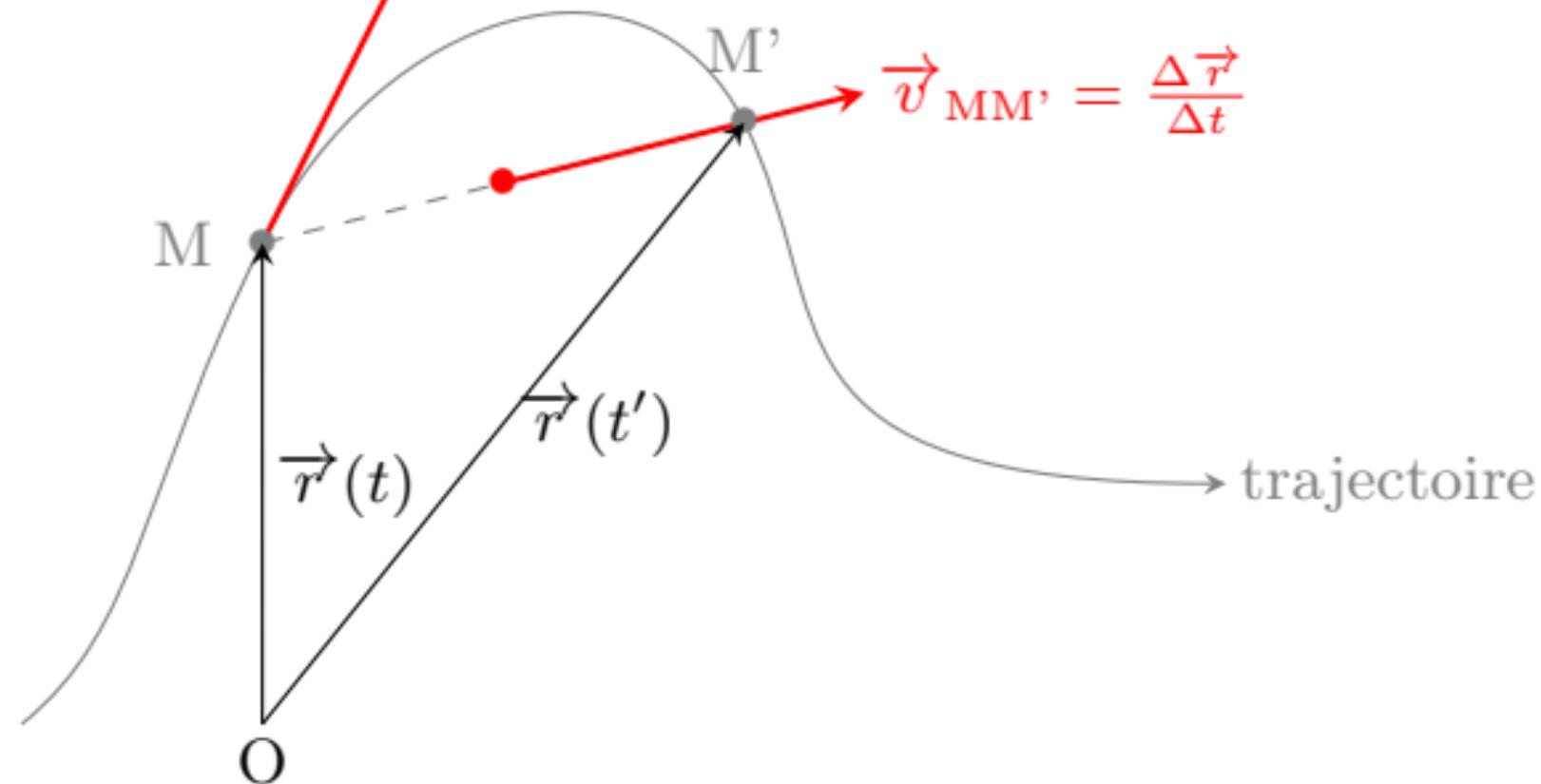


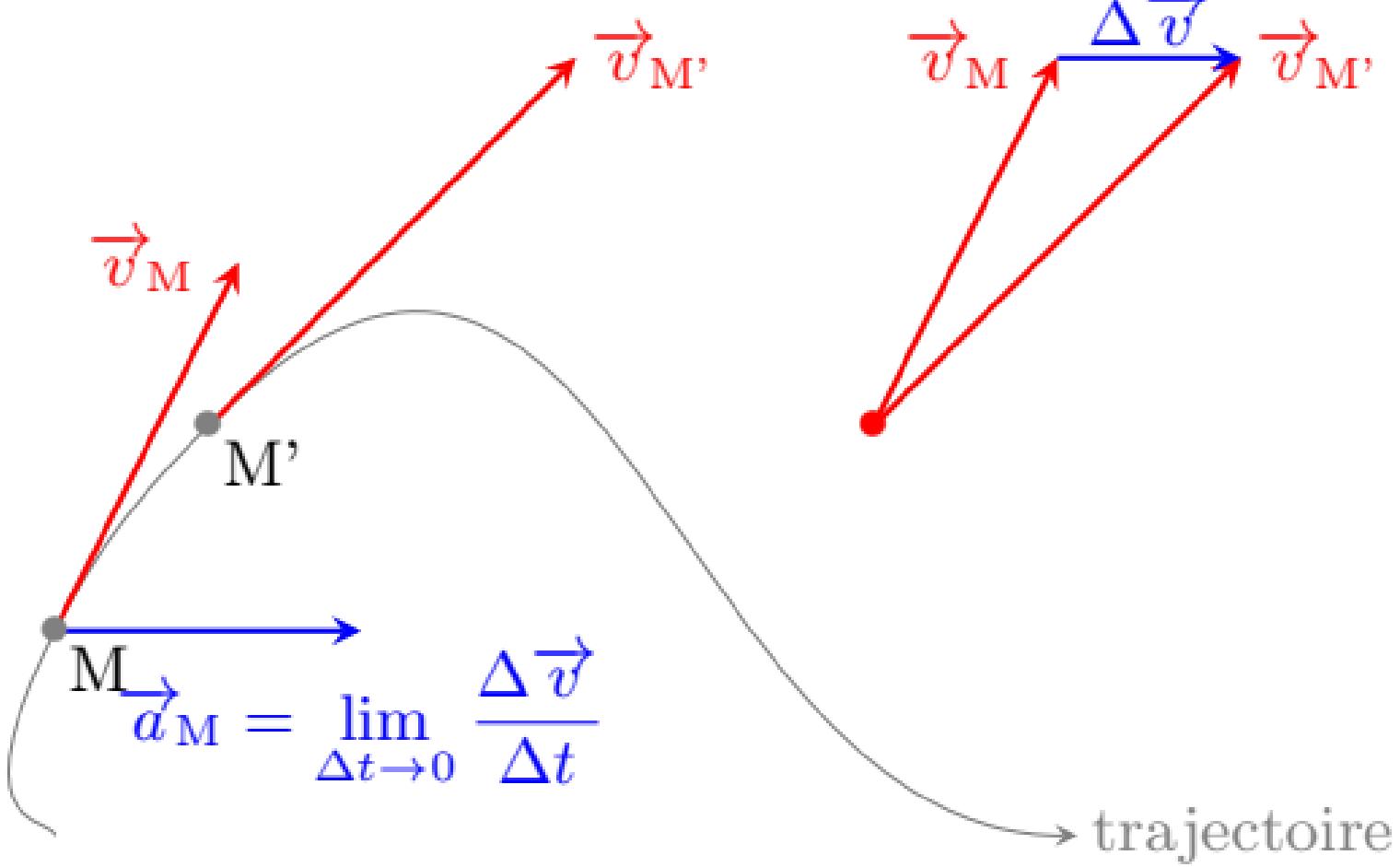
$$\vec{a}_{AB} = \frac{\Delta \vec{v}}{\Delta t}$$

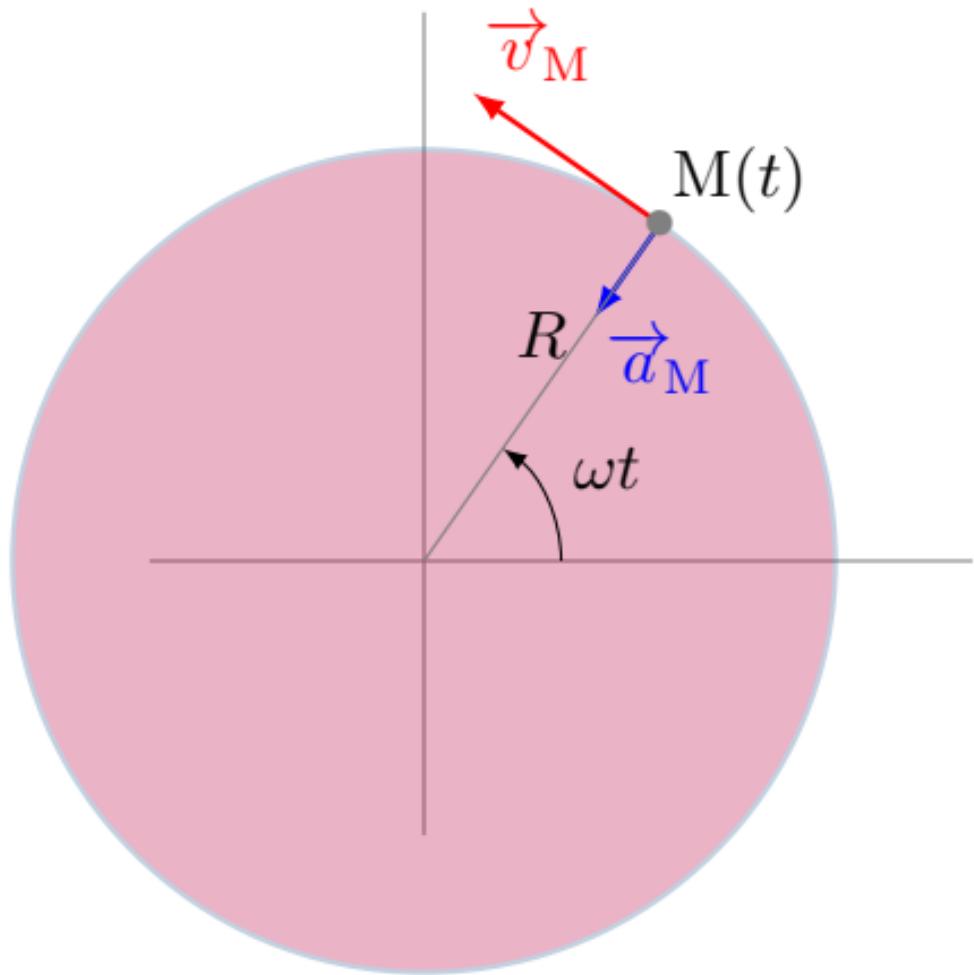
$$A \vec{v}_A \quad B \vec{v}_B$$

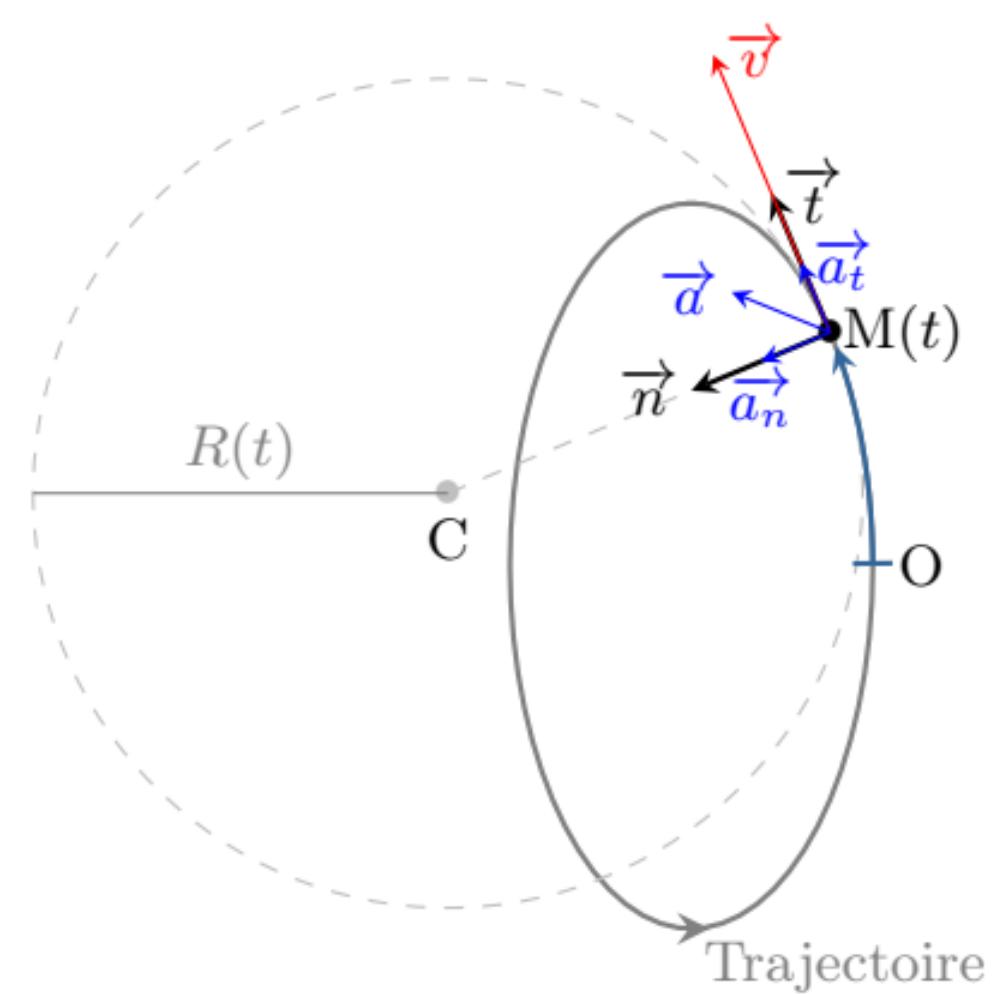


$$\vec{v}_M = \lim_{\Delta t \rightarrow 0} \vec{v}_{MM'}$$









- $v(t) = \frac{ds}{dt}$
- $a_t = \frac{dv}{dt}$ accélération tangentielle
- $a_n = \frac{v^2}{R(t)}$ accélération normale