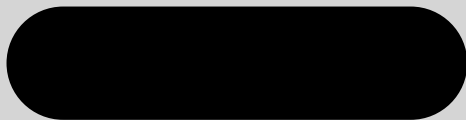
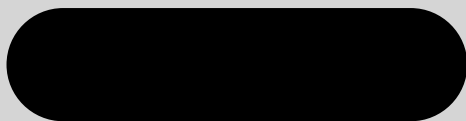




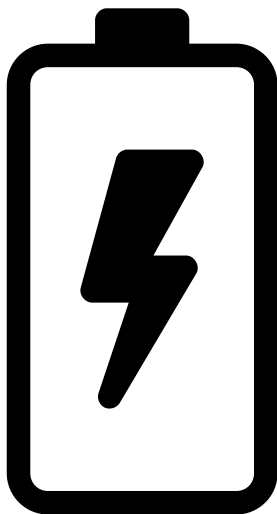
observed path

instantaneous rule

global principle



min potential

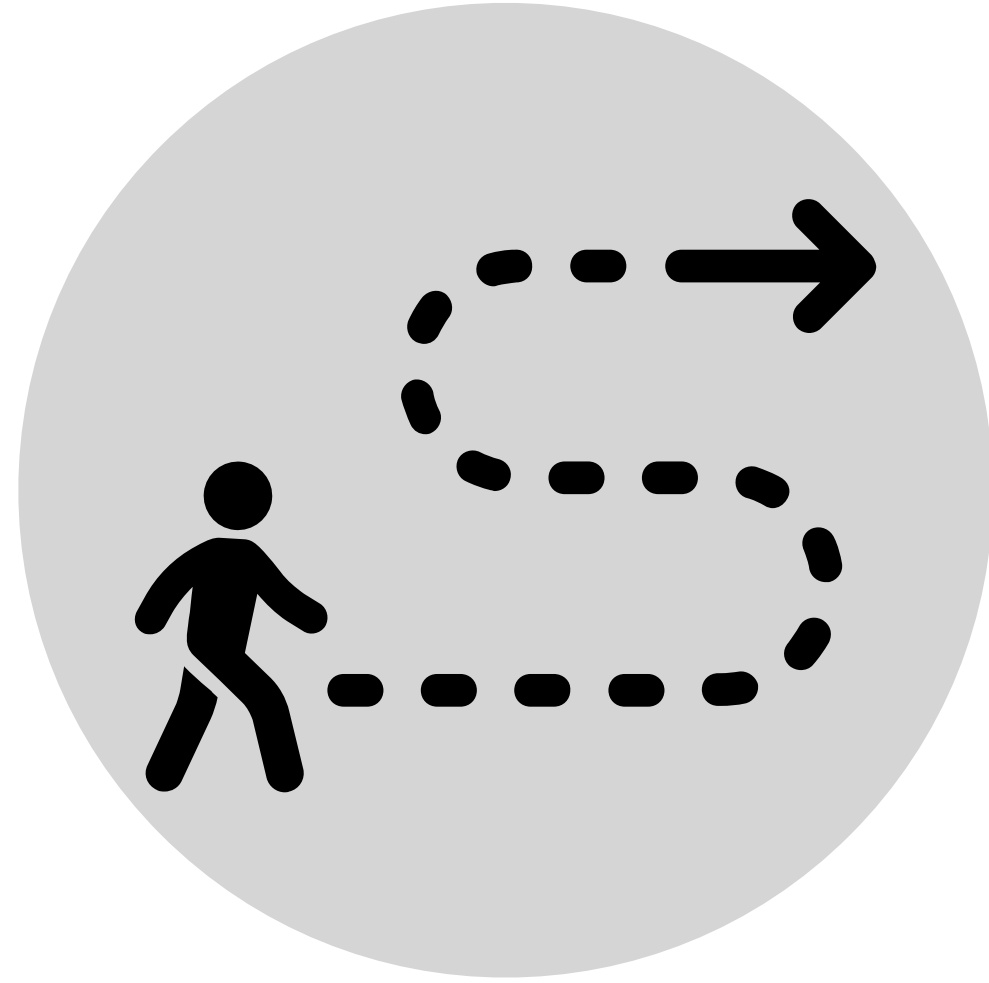




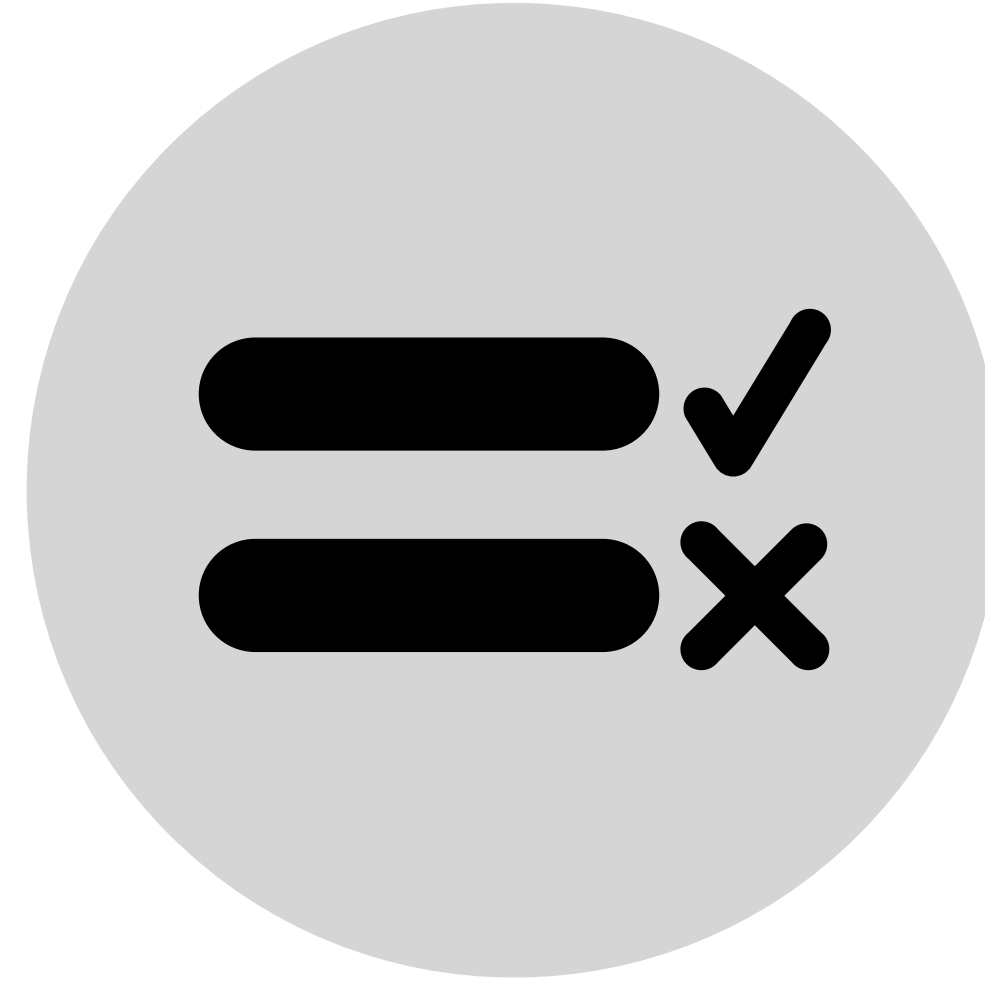
$$y = \frac{1}{a} \cosh(ax)$$

catenary

observed path



instantaneous rule



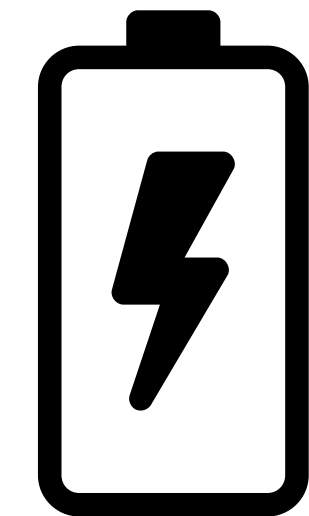
global principle



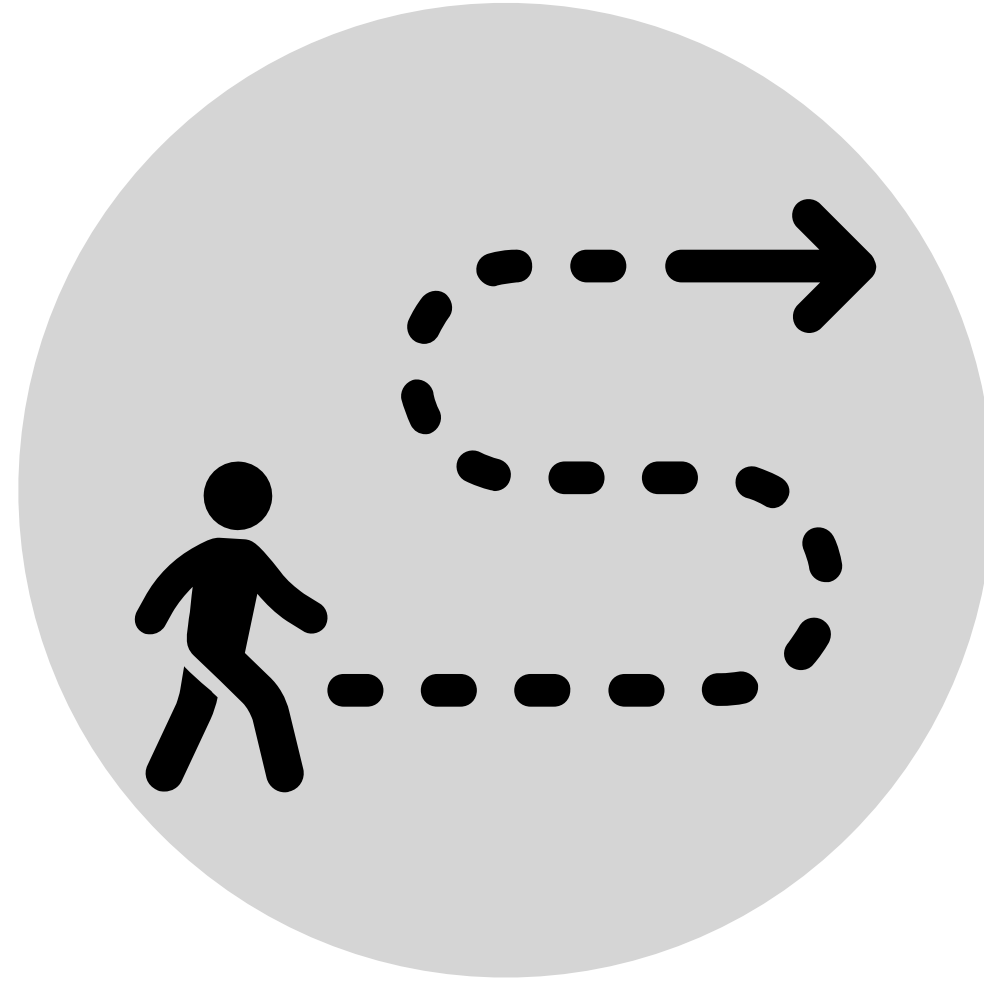
$$y = \frac{1}{a} \cosh(ax)$$

catenary

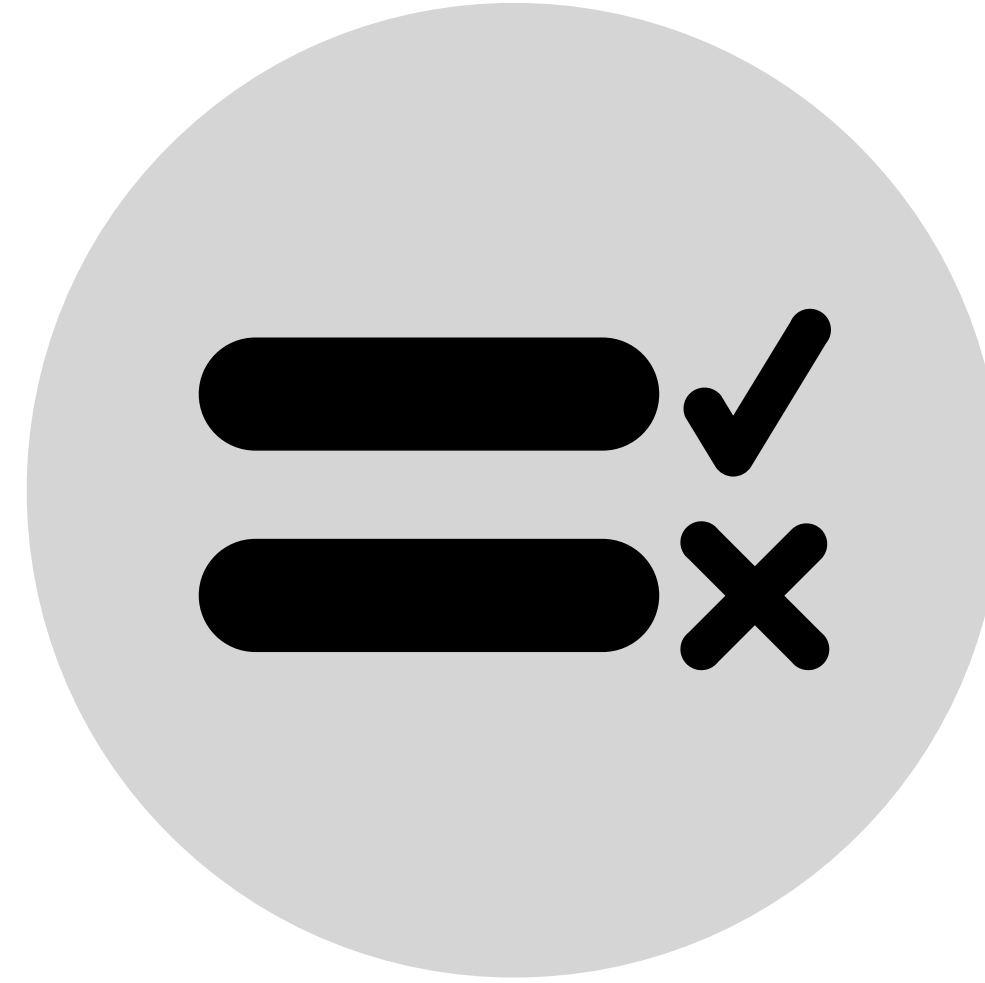
min potential



observed path



instantaneous rule



global principle

