

$$\int_{t_0}^{t_1} \mathrm{d}t \left\{ \frac{\partial L}{\partial q} \delta q + \frac{\partial L}{\partial \dot{q}} \delta \dot{q} + \frac{\mathrm{d}}{\mathrm{d}t} [L(q, \dot{q}) \delta t] \right\}$$