

$$\int_{|t|<R} \mathrm{d}t \left\{ \psi(q,t) \delta q(t) + \frac{\mathrm{d}}{\mathrm{d}t} [L(T_t q, t) \delta t + W(T_t q, t)] \right. \\ \left. + \int_{\mathbb{R}} \mathrm{d}\sigma [\lambda(q, t, \sigma) \delta q(\sigma) - \lambda(q, \sigma, t) \delta q(t)] \right\}$$