

$$\int_{-\infty}^{\infty} d\tau \left\{ \frac{1}{2m} \left[-\frac{i\hbar}{\alpha} \frac{\delta}{\delta \chi(\tau)} - m \frac{d\chi(\tau)}{d\tau} \right]^2 - \frac{m}{2} \left[\frac{d\chi(\tau)}{d\tau} \right]^2 \right\} \Phi[\chi] = 0$$

$$\Phi[\chi] = \exp \left\{ \sum_{k=1}^{\infty} a_k \int_{-\infty}^{\infty} dt \, t^{2k-1} \left[\frac{d^k}{dt^k} \chi(t) \right]^2 \right\}$$

$$a_1 = \frac{m\alpha}{i\hbar}, \quad a_2 = \frac{m\alpha}{6i\hbar}, \quad a_3 = \frac{m\alpha}{60i\hbar}, \quad \dots$$

$$\sum_{k=s}^{2s-1} a_k b_{k, 2(k-s)+1} = 0 \quad (s=2, 3, 4, \dots)$$

$$\sum_{k=s}^{2s} a_k b_{k, 2(k-s)} = 0 \quad (s=1, 2, 3, 4, \dots)$$

$$b_{kj} \equiv 2(-1)^k {}_k C_j \frac{(2k-1)!}{(2k-j-1)!}$$