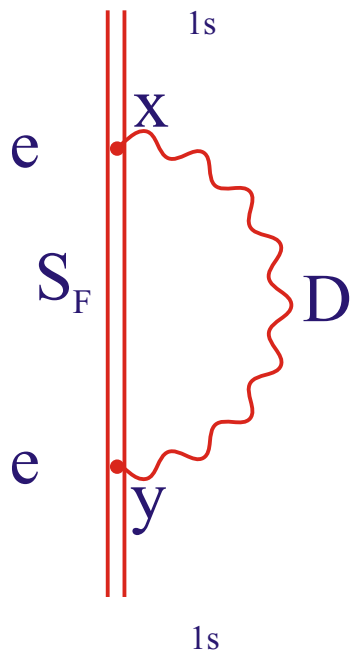
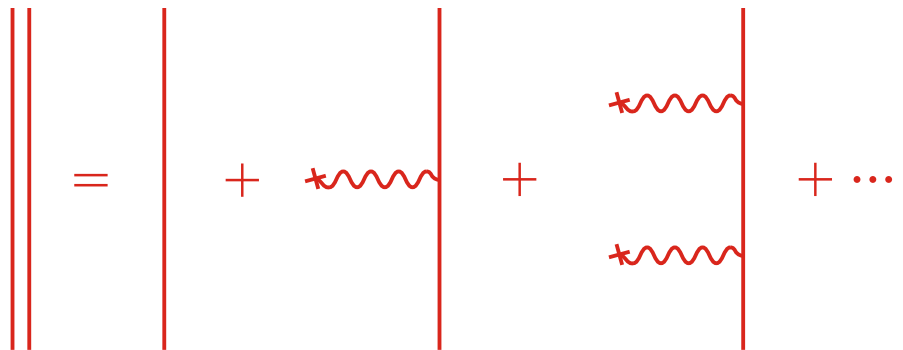


Self Energy



Expansion in Z



Energy shift

$$i \int dt \int d^3x \int d^3y \bar{\psi}_{1s}(y) S_F(x,y) \psi_{1s}(x) D(x,y) - m \int d^3x \bar{\psi}_{1s}(x) \psi_{1s}(x)$$

Propagator

$$[\hat{p} - eA^e - m]_x S_F(x,y) = \delta(x-y)$$

$$E_{1s}(^{238}_{92}\text{U}) = 355.0432 \text{ eV}$$