

Errata

In Eqs. (3.53), (4.24) and (4.28) the correct order of the integrals should be

$$\dots \int \frac{d^3\mathbf{q}}{(2\pi)^3} \frac{F^\dagger(\mathbf{Y}, \mathbf{Q}, T_d, \mathbf{q})}{\sqrt{2E_\beta(\mathbf{q})}} \int \frac{d^3\mathbf{p}}{(2\pi)^3} \frac{F(\mathbf{X}, \mathbf{P}, T_p, \mathbf{p})}{\sqrt{2E_\alpha(\mathbf{p})}} \dots,$$

i.e., one should move the $d^3\mathbf{p}$ integral and put it after the $d^3\mathbf{q}$ integral.