

$$\int [d\{p, f, s', c', s, c\}_m] \equiv \int [d\{p, f\}_m] \sum_{s_a, s'_a, c_a, c'_a} \sum_{s_b, s'_b, c_b, c'_b} \prod_{i=1}^m \left\{ \sum_{s_i, s'_i, c_i, c'_i} \right\}$$