

Define $[d\sigma_{i \rightarrow j} = a\sigma_{i \rightarrow j} b\sigma_{i \rightarrow j},$

$$d\epsilon_i = s\epsilon_i, \quad d\eta_i = s\eta_i,$$

$$dS_i = sY_{i \rightarrow 1,1,2,2} // (\overline{bS}_1 \ aS_2) // dm_{2,1 \rightarrow i},$$

$$\overline{dS}_i = sY_{i \rightarrow 1,1,2,2} // (bS_1 \ \overline{aS}_2) // dm_{2,1 \rightarrow i},$$

$$d\Delta_{i \rightarrow j, k} = (b\Delta_{i \rightarrow 3,1} \ a\Delta_{i \rightarrow 2,4}) // (dm_{3,4 \rightarrow k} \ dm_{1,2 \rightarrow j})]$$