

The diagram illustrates an equation between two tree-level Feynman diagrams. The left diagram shows a vertex labeled x with four external lines: a (top-left), b (top-right), c (right), and d (bottom). The internal lines are labeled with indices $\mu, 2$ and $\nu, 1$. The right diagram shows a similar vertex labeled y with external lines a , b , c , and d . The internal lines are labeled with indices $\alpha, 2$ and $\beta, 1$. The two diagrams are separated by an equals sign, followed by a summation over y and $\alpha\beta$ of the product of the two diagrams, weighted by the factor $[F_d^{abc}]$.

$$\begin{array}{c}
 a \quad b \quad c \\
 \diagdown \quad \diagup \quad \diagup \\
 \mu, 2 \\
 \diagdown \quad \diagup \\
 x \quad \nu, 1 \\
 | \\
 d
 \end{array}
 = \sum_y \sum_{\alpha\beta} [F_d^{abc}] (x; \mu\nu) (y; \alpha\beta)
 \begin{array}{c}
 a \quad b \quad c \\
 \diagdown \quad \diagup \quad \diagup \\
 \alpha, 2 \\
 \diagdown \quad \diagup \\
 y \quad \beta, 1 \\
 | \\
 d
 \end{array}$$