Aligned case

A general term with $i <_2 j <_2 k$ has the form $\Gamma = Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2$, where Y_i 's are clouds of $<_1$ and X_j 's are clouds of $<_2$. We denote by ∂Y_i the summands of $D_0 Y_i$ in which we split a cloud of $<_2$ belonging to Y_i .

When we apply the differential D_3 to a monomial, the derived variables cannot be simply doubled, as Fox monomials can contain only one derived variable. This issue can be addressed by imposing a "splitting rule" for monomials containing more than one derived variable. One can verify that the following equation makes the two sides equal for any evaluation, providing a way to resolve double derivations:

$$M_1 |\partial Y_i| M_2 |\partial Y_i| M_3 = M_1 |\partial Y_i| M_2 |Y_i| M_3 + M_1 |Y_i| M_2 |\partial Y_i| M_3$$

This is a consequence of the fact that $D_0(M||N) = D_0(M)||N + M||D_0(N)$. Putting all together, we have the following formulas:

```
D_1^i D_2^{jk} (Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2) = Y_1 | X_1 i X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2
                                                                                                                                                                           +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           + \left. Y_1 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 X_3 k X_4 | X_1 i X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_1 | X_1 X_2 j X_3 k X_4 | X_1 X_1 X_2 k X_2 k X_3 k X_4 | X_1 X_1 X_2 k X_2 k X_3 k X_4 | X_1 X_1 X_2 k X_2 k X_3 k X_4 | X_1 X_1 X_2 k X_2 k X_3 k X_4 | X_1 X_1 X_2 k X_2 k X_3 k X_4 | X_1 X_1 k X_2 k X_3 k X_4 | X_1 X_1 k X_2 k X_3 k X_4 | X_1 X_1 k X_2 k X_3 k X_4 | X_1 X_1 k X_2 k X_3 k X_4 | X_1 X_1 k X_2 k X_3 k X_4 | X_1 X_1 k X_2 k X_3 k X_4 | X_1 X_1 k X_2 k X_3 k X_4 | X_1 X_1 k X_2 k X_3 k X_4 | X_1 X_1 k X_2 k X_3 k X_4 | X_1 X
                                                                                                                                                                           +Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}|
                                                                                                                                                                           + \left. Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 | Y_3 X_4 | Y_4 | Y_5 | Y_5
                                                                                                                                                                           + \left. Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 k X_4 | Y_2 | Y_3 | Y_4 | Y_4 | Y_5 | Y
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}|
                                                                                                                                                                           + \left. Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 k X_4 | Y_2 | | Y_2 | Y_3 | Y_4 | Y_4 | Y_5 |
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}|
                                                                                                                                                                           +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|
```

```
D_1^j D_2^{ik}(Y_1|X_1iX_2jX_3kX_4|Y_2) = Y_1|X_1iX_2jX_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|X_1X_2X_3kX_4|Y_2|
                                                +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|
                                                +Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                                +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}
                                                +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
                                               +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                                +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
                                                +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                               +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                               +Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|X_1X_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2
                                               +Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}
                                               +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                                +\left.Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|
                                                +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}
                                               +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|
                                               +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                               +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}
                                                +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|
                                                +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}
                                                +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                               +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
                                               +Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1X_2iX_3X_4|Y_2||Y_1|X_1iX_2iX_3kX_4|Y_2|
                                               +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|
                                               +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|
```

```
D_1^k D_2^{ij}(Y_1|X_1iX_2jX_3kX_4|Y_2) = Y_1|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3X_4|X_1X_2jX_3kX_4|Y_2||Y_1|X_1X_2X_3kX_4|Y_2
                                               +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                               +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}
                                               +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                               +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                               +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
                                               +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
                                               +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}
                                               +Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
                                              +Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|X_1X_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2|
                                               +Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|X_1X_2jX_3X_4|Y_2
                                               +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
                                               +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}
                                               +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}
                                               +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}
                                               +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}
                                               +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}
                                               +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
                                               +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|
                                               +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|
                                              +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
                                              +Y_1|X_1X_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2|
                                              +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}
                                               +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|
```

```
\begin{split} D_2^{ik}D_1^j(Y_1|X_1iX_2jX_3kX_4|Y_2) &= Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|X_1X_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|X_1X_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|X_1X_2jX_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|X_1X_2X_3kX_4|Y_2\\ &+ Y_1|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|X_1X_2X_3kX_4|Y_2\\ &+ Y_1|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|X_1X_2jX_3kX_4|Y_2\\ &+ Y_1|X_1X_2jX_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2\\ &+ Y_1|X_1X_2jX_3X_4|Y_2||Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2\\ &+ Y_1|X_1X_2jX_3X_4|Y_2||Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2jX_3X_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2jX_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2\\ &+ Y_1|X_1X_2X_3X_4|X_1X_2X_3X_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3X_4|X_1X_2X_3X_4|Y_2||Y_1|X_1iX_2X_3X_4X_2|Y_1X_1X_2X_3X_4|Y_2\\
```

```
\begin{split} D_2^{jk}D_1^i(Y_1|X_1iX_2jX_3kX_4|Y_2) &= Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|X_1X_2X_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|X_1X_2X_3kX_4|Y_2\\ &+ Y_1|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|X_2jX_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2\\ &+ Y_1|X_1iX_2X_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|X_1X_2X_3kX_4|Y_2\\ &+ Y_1|X_1iX_2X_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|X_1iX_2X_3kX_4|Y_2\\ &+ Y_1|X_1iX_2X_3X_4|Y_2||Y_1|X_1X_2X_3kX_4|X_1iX_2jX_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2\\ &+ Y_1|X_1iX_2X_3X_4|Y_2||Y_1|X_1X_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2\\ &+ Y_1|X_1iX_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|X_1X_2X_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2jX_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2jX_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2jX_3X_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2\\ &+ Y_1|X_1X_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2||
```

```
D_0 D_3^{ijk}(Y_1|X_1iX_2jX_3kX_4|Y_2) =
  + Y_1 |X_1 i X_2 j X_3 X_4 |Y_2| |Y_1 |X_1 i X_2 X_3 k X_4 |Y_2| |Y_1 |X_1 X_2 j X_3 k X_4 |Y_2| |Y_1 |Y_2|
  +Y_{1}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}
  +Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}
  + \left. Y_1 | Y_2 | | Y_1 | X_1 i X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_3 | Y_4 | Y_4 | Y_5 | Y_6 | Y
  + \left. Y_1 | Y_2 | | Y_1 | X_1 i X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | Y_2 | Y_3 | Y_4 | Y_4 | Y_5 |
  +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
  +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}|
  +Y_1|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2|
  + \left. Y_{1} | X_{1} X_{2} j X_{3} k X_{4} | Y_{2} | | Y_{1} | X_{1} i X_{2} X_{3} k X_{4} | Y_{2} | | Y_{1} | X_{1} i X_{2} j X_{3} X_{4} | Y_{2} | | Y_{1} | Y_{2}
 +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
 + \left. Y_1 | X_1 X_2 j X_3 k X_4 | X_1 i X_2 X_3 X_4 | Y_2 | | | Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 | | | Y_1 | Y_2 | | Y_1 | Y_2 | Y_1 | Y_1 | Y_2 | Y_1 | Y_1 | Y_2 | Y_1 | Y_2 | Y_1 | Y_2 | Y_1 | Y_1 | Y_1 | Y_1 | Y_2 | Y_1 | Y_1 | Y_1 | Y_1 | Y_1 | Y_2 | Y_1 | Y
  +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|
  +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}
  +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
  +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}
  +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
  +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|Y_{2}
  + \left. Y_1 | Y_2 | | Y_1 | X_1 X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 i X_2 j X_3 k X_4 | X_1 i X_1 i X_2 j X_3 k X_4 | X_1 i X_2 j X_3 k X_4 | X_1 i X_1 i X_2 j X_3 k X_4 | X_1 i X_1 i X
  +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}
  +\partial Y_1|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2|
  + \partial Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 |
  + \partial Y_1 | X_1 i X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 j X_3 k X_4 | Y_2 |
  + \partial Y_1 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 |
  +\partial Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2|
  +\partial Y_1|X_1X_2jX_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3X_4|X_1X_2X_3kX_4|Y_2|
  + \partial Y_1 | X_1 X_2 j X_3 k X_4 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 k X_4 | Y_2 |
  +\partial Y_1|X_1X_2X_3kX_4|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3X_4|X_1X_2jX_3kX_4|Y_2|
  +\partial Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}
  + \partial Y_1 |X_1 X_2 X_3 k X_4| X_1 X_2 j X_3 X_4 |X_1 i X_2 X_3 X_4| Y_2 ||Y_1| X_1 i X_2 j X_3 k X_4 |Y_2|
  +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
  +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}
  + \left. Y_1 | X_1 i X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | X_1 X_2 k X_3 k X_4 | Y_1 | X_1 X_2 k X_3 k X_4 | Y_1 | X_1 X_2 k X_3 k X_4 | Y_1 | X_1 X_2 k X_3 k X_4 | Y_1 | X_1 X_2 k X_3 k X_4 | Y_1 | X_1 X_2 k X_3 k X_4 | X_1 X_1 X_2 k X_3 k X
  +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|\partial Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
  +Y_1|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||\partial Y_1|X_1X_2jX_3kX_4|Y_2|
  +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
  +Y_1|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3kX_4|\partial Y_2|
  +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
  +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
  +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
  +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
  +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
```

```
+Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}
```

- $+ \left. Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 | Y_3 X_4 | X_1 X_2 X_3 k X_4 | Y_4 | Y_4 | Y_5 | Y$
- $+Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$
- $+ Y_1 |X_1 i X_2 j X_3 k X_4 |Y_2| |Y_1 |X_1 i X_2 X_3 X_4 |X_1 X_2 j X_3 X_4 |X_1 X_2 X_3 k X_4 | \partial Y_2$
- $+ \left. Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | Y_2 | Y_3 X_4 | Y_4 | Y_4 | Y_5 | Y_5$
- $+ \left. Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 | Y_1 | Y_2 | Y_2 | Y_1 | Y_2 | Y_1 | Y_2 | Y_2 | Y_2 | Y_1 | Y_2 | Y_2 | Y_1 | Y_2 | Y_2 | Y_2 | Y_1 | Y_2 | Y_2 | Y_1 | Y_2 | Y_2 | Y_1 | Y_2 | Y_1 | Y_2 | Y_2 | Y_2 | Y_1 | Y_1 | Y_2 | Y_2 | Y_1 | Y_2 | Y_2 | Y_1 | Y_1 | Y_2 | Y_2 | Y_1 | Y_1 | Y_1 | Y_2 | Y_2 | Y_1 | Y_1 | Y_2 | Y_1 | Y_1 | Y_2 | Y_2 | Y_1 | Y_1 | Y_2 | Y_1 | Y_1 | Y_2 | Y_1 | Y_1 | Y_1 | Y_2 | Y_1 | Y$
- $+\left.Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}|$
- $+ \left. Y_1 |X_1 i X_2 j X_3 k X_4 |Y_2| |Y_1| X_1 X_2 X_3 k X_4 |Y_2| |Y_1| X_1 i X_2 X_3 X_4 |X_1 X_2 j X_3 X_4 |Y_2| \right.$
- $+ \left. Y_1 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 | Y_3 | Y_4 | Y_4 | Y_5 | Y$
- $+ \left. Y_1 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | X_1 X_2 k X_2 k X_3 k X_4 | X_1 X_2$
- $+ Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}|\\$
- $+ \left. Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 k X_3 k X_4 | Y_2 | X_1 X_1 k X_2 k X_3 k X_4 | Y_1 X_1 k X_2 k X_3 k X_4 | Y_1 X_1 k X_2 k X_3 k X_4 | Y_1 X_1 k X_2 k X_3 k X_4 | Y_1 X_1 k X_2 k X_3 k X_4 | Y_1 X_1 k X$
- $+Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$
- $+ \left. Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_3 | Y_4 | Y_4 | Y_5 | Y_5 | Y_6 | Y_6$
- $+Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$
- $+Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|$
- $+Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}$
- $+Y_1|X_1iX_2X_3kX_4|X_1X_2jX_3X_4|Y_2||\partial Y_1|X_1iX_2X_3X_4|X_1X_2jX_3kX_4|Y_2|$
- $+ \left. Y_1 | X_1 i X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 | | | Y_1 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | Y_1 | X_1 X_2 j X_3 k X_4 | Y_1 X_2 j X_3 k X$
- $+Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|\partial Y_{2}$
- $+Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}$
- $+Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}|$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|$
- $+Y_1|X_1X_2jX_3X_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1X_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2|$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$
- $+Y_1|X_1X_2jX_3X_4|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|X_1X_2X_3kX_4|\partial Y_2$
- $+ Y_1 |X_1 X_2 j X_3 X_4 |X_1 i X_2 X_3 k X_4 |Y_2| |Y_1 |X_1 X_2 j X_3 X_4 |X_1 i X_2 X_3 X_4 |X_1 X_2 X_3 k X_4 |Y_2| \\$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|$
- $+Y_1|X_1X_2jX_3kX_4|\partial Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2|$
- $+ \left. Y_1 |X_1 X_2 j X_3 k X_4 |Y_2| |\partial Y_1 |X_1 i X_2 X_3 k X_4 |Y_2| |Y_1 |X_1 i X_2 j X_3 X_4 |Y_2| \right.$
- $+ Y_1 | X_1 X_2 j X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2$

 $⁺Y_1|X_1iX_2jX_3kX_4|Y_2||\partial Y_1|X_1iX_2X_3X_4|X_1X_2jX_3X_4|X_1X_2X_3kX_4|Y_2$

```
+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|
+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|
```

 $+Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3kX_4|\partial Y_2||Y_1|X_1iX_2jX_3X_4|Y_2|$

 $+Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||\partial Y_1|X_1iX_2jX_3X_4|Y_2|$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|\partial Y_{2}$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}|$

 $+Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2|$

 $+ Y_1 |X_1 X_2 j X_3 k X_4 | X_1 i X_2 X_3 X_4 | \partial Y_2 | |Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|\partial Y_{2}$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|\partial Y_{2}$

 $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}$

 $+Y_1|X_1X_2jX_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1X_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2|$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|$

 $+Y_1|X_1X_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3X_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3kX_4|Y_2$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}$

 $+ Y_1 |X_1 X_2 X_3 k X_4| X_1 i X_2 j X_3 X_4 | \partial Y_2 || Y_1 |X_1 i X_2 X_3 k X_4 |X_1 X_2 j X_3 X_4 | Y_2$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|\partial Y_{2}$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|\partial Y_{2}$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}|$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}|$

 $+ Y_1 | X_1 X_2 X_3 k X_4 | X_1 i X_2 X_3 X_4 | X_1 X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 | Y_3 | Y_4 | Y_5 | Y_5 | Y_6 |$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}|$

 $+ \left. Y_1 | X_1 X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 j X_3 X_4 | Y_2 | Y_1 | Y_2 | Y_3 | Y_4 | Y_4 | Y_5 | Y$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}$

 $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|\partial Y_{2}$

 $+ Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}|$

 $+\left.Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|X_{1}X_{2}X_{3}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}X_{4}|X_{1}X_{2}X_{2}X_{2}|X_{2}X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2$

```
D_3^{ijk}D_0(Y_1|X_1iX_2jX_3kX_4|Y_2) =
 = Y_1|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2|
 +Y_1|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|Y_2
 +Y_{1}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
 +Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}
 +Y_{1}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
 +Y_{1}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}|X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}|X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}|X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}|X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}|X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}|X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}|X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}|X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}|X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X_{2}|X
 +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}
 +Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}|
 +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|
 +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|Y_{2}
 +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
 +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}
 +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|
 +Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}|
 +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
 +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}
 +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|
 +Y_1|X_1X_2X_3kX_4|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|X_1X_2jX_3X_4|Y_2||Y_1|Y_2
 +Y_{1}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}|
 +Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|Y_{2}
 +\partial Y_1|X_1iX_2jX_3X_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2|
 + \partial Y_1 |X_1 i X_2 j X_3 k X_4 |Y_2| |Y_1| X_1 i X_2 X_3 X_4 |X_1 X_2 j X_3 X_4 |X_1 X_2 X_3 k X_4 |Y_2|
 + \partial Y_1 |X_1 i X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 | |Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 j X_3 k X_4 | Y_2
 +\partial Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}
 +\partial Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|
 + \left. \partial Y_1 | X_1 X_2 j X_3 k X_4 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 \right.
 + \partial Y_1 | X_1 X_2 j X_3 k X_4 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 k X_4 | Y_2
 +\partial Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}
 + \partial Y_1 | X_1 X_2 X_3 k X_4 | X_1 i X_2 j X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 |
 + \partial Y_1 | X_1 X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 i X_2 j X_3 k X_4 | Y_2
 +Y_1|X_1iX_2jX_3X_4|Y_2||\partial Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1X_2jX_3kX_4|Y_2|
 +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||\partial Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
 + \left. Y_{1} | X_{1} i X_{2} j X_{3} X_{4} | Y_{2} | | Y_{1} | X_{1} i X_{2} X_{3} k X_{4} | Y_{2} | | Y_{1} | X_{1} X_{2} j X_{3} k X_{4} | \partial Y_{2} \right.
 + \left. Y_1 |X_1 i X_2 j X_3 X_4 |Y_2| |Y_1 |X_1 i X_2 X_3 k X_4 | \partial Y_2| |Y_1 |X_1 X_2 j X_3 k X_4 |Y_2| \right.
 +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}
 +Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}
 +Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}
 +Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|
 +Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|\partial Y_{2}
 +Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}
```

```
+Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}|
```

- $+ Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}$
- $+ \left. Y_1 | X_1 i X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | Y_2 | | \partial Y_1 | X_1 i X_2 X_3 X_4 | X_1 X_2 j X_3 k X_4 | Y_2 \right.$
- $+Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|\partial Y_{2}$
- $+Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}$
- $+ \left. Y_1 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 | | Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 | Y_3 | Y_4 | Y_4 | Y_5 | Y_5$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}$
- $+ \left. Y_1 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 k X_4 | Y_2 | | \partial Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2 \right.$
- $+Y_1|X_1X_2jX_3X_4|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|X_1X_2X_3kX_4|\partial Y_2|$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$
- $+Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}|$
- $+Y_1|X_1X_2jX_3kX_4|\partial Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||Y_1|X_1iX_2jX_3X_4|Y_2|$
- $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|$
- $+Y_1|X_1X_2jX_3kX_4|Y_2||Y_1|X_1iX_2X_3kX_4|Y_2||\partial Y_1|X_1iX_2jX_3X_4|Y_2|$
- $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|\partial Y_{2}$
- $+ Y_1 |X_1 X_2 j X_3 k X_4 | X_1 i X_2 X_3 X_4 | \partial Y_2 | |Y_1 | X_1 i X_2 j X_3 X_4 | X_1 X_2 X_3 k X_4 | Y_2$
- $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}jX_{3}X_{4}|X_{1}X_{2}X_{3}kX_{4}|Y_{2}|$
- $+ Y_1 |X_1 X_2 j X_3 k X_4 |X_1 i X_2 X_3 X_4 |Y_2| |\partial Y_1 |X_1 X_2 j X_3 X_4 |X_1 i X_2 X_3 k X_4 |Y_2|$
- $+Y_1|X_1X_2jX_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1iX_2jX_3X_4|X_1X_2X_3kX_4|\partial Y_2|$
- $+Y_{1}|X_{1}X_{2}jX_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}kX_{4}|\partial Y_{2}$
- $+Y_1|X_1X_2jX_3kX_4|X_1iX_2X_3X_4|Y_2||Y_1|X_1X_2jX_3X_4|X_1X_2X_3kX_4|X_1iX_2X_3X_4|Y_2$
- $+ Y_1 |X_1 X_2 X_3 k X_4| X_1 i X_2 j X_3 X_4 | \partial Y_2 || Y_1 |X_1 i X_2 X_3 X_4 |X_1 X_2 j X_3 k X_4 |Y_2$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}kX_{4}|\partial Y_{2}$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|\partial Y_{2}$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}X_{3}X_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|Y_{2}|$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|\partial Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||\partial Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|Y_{2}|$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}iX_{2}jX_{3}kX_{4}|\partial Y_{2}$
- $+ \left. Y_1 | X_1 X_2 X_3 k X_4 | X_1 X_2 j X_3 X_4 | X_1 i X_2 X_3 X_4 | Y_2 | | Y_1 | X_1 X_2 j X_3 k X_4 | X_1 i X_2 X_3 X_4 | Y_2 | Y_3 | Y_4 | Y_5 | Y_6 | Y_6$
- $+Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}X_{2}jX_{3}X_{4}|X_{1}iX_{2}X_{3}X_{4}|Y_{2}||Y_{1}|X_{1}X_{2}X_{3}kX_{4}|X_{1}iX_{2}jX_{3}X_{4}|Y_{2}|$