December 24, 1941

Dear Kendall,

Many thanks for your two letters on Moments of Moments. I have now checked through the cases you raise, and differ only in the coefficient of χ_3^4 in the expansion \mathcal{H}_3^3 \mathcal{H}_4^3 . This I make to be correct as printed with the four patterns

1111111111

giving

$$2(n^4 - 12n^3 + 51n^2 - 74n - 18)$$

making

contributing

$$9(n^4 - 8n^3 + 21n^2 - 18n)$$

and

giving
$$12(n^4 - 9x^3 + 27n^2 - 27)$$

with a common factor

If you can let me know where you would diverge from this we can run the discrepancy down with certainty,

Yours sincerely,