January 5, 1939

Dear Kendall,

The statement on page 229-230* is exceedingly compressed, and I have often thought it is not so clear as it was when I first thought of it, which, unfortunately, was on a long railway journey, most of which I spent in verifying that it did give the pattern formulae of pp. 223 onwards, many of which were already known to me. I think probably the best way to reconstruct a clear statement would be to take some particular case and follow through the algebra, identifying at each stage typical expressions of the kinds referred to in my proof. It is, I think, obvious that one can identify the marginal partition of

$$q_1^{X_1}, \quad q_2^{X_2}$$

with a typical term of the ~~upper end~~ operand involving

$$s_1^{X_1}, \quad s_2^{X_2}$$

while the other marginal partitions p_1, p_2 of the same partible number will occur in the $\underline{k}$ product. Probably what needs thinking out clearly

*[CP 74]

is the separate factors appropriate to each term of the subdivided operation distinguished from factors appropriate to the pattern as a whole.

Yours sincerely