My dear Cowan,

I have just seen your letter of January 30th and very much wish I had discussed these things with you before, since there is much which I believe could be easily or immediately explained, while of course, there is a residue where my own thoughts have, perhaps, been vague or incomplete. Anyway, I am conscious that I should now treat this chapter rather differently, still however, making the fundamental theorem the piece de resistance.

Perhaps you will pick up the idea of $\alpha$ and $\beta$ by considering two such conjugate factors as electric current and gradient of electric potential in an anisotropic medium. Rate of dissipation of energy will then be something like $a\alpha + b\beta + c\gamma$, the summation being only over three dimensions.

Probably that is enough for me to say in one letter without picking up your questions in detail. Of course, troubles can easily be multiplied on minor points e.g. I should now arrive at $2\Sigma(pq\alpha)$ evaluating the rate of improvement per diploid organism rather than per haploid gamete. At least an analogous analysis for tetraploids shows this to be the more convenient convention.

The subject swarms with points like this, so do please make me clear them up.

Yours sincerely,