

3rd June, 1955.

Dear Darmois,

I wonder if since my letter of 22nd March you have found it possible to recall that work of Kolmogoroff in which you showed me, in French, an interesting axiom which he had proposed.

Perhaps you will recall my asking whether this axiom was "very subtle or very simple. It concerned, you may remember, a probability statement invariant for variations of a set of parameters, and asserted that if so, the absolute probability exists and is equal to the invariant value ω .

The only work of Kolmogoroff, I believe, which has appeared in the English language is a translation of his paper in German of 1933, and contains not even references to any later works. I am, therefore, not in a position to trace the reference I want, unless perhaps you can recall its origin.

I much hope to see you in Rio towards the end of this month, where you will, I hope, be presiding on our deliberations.

Sincerely yours,