Dear Professor,

How interesting and amazing is your example. It is very easy to verify that nothing is wrong. Indeed arithmetic of normal laws is quite different from ordinary arithmetic. It would be fine if you published that in the "Comptes Rendus de l'Académie des Sciences." I am sure Boul will be surprised and very much interested to read that.

It is easy to generalize your example

The laws of characteristic function:

$$e^{-\frac{t^2}{2x^2}}[A\cos t + B\sin t - (A+B-1)]$$
d being such that:

\[ A \left[ e^{-\frac{x^2}{2}} \right]^4 + B \left[ e^{-\frac{x^2}{2}} \right] = 1 \]

with \( A \) and \( B \) such that:

\[ A > 0 \quad B > 0 \]

\[ B^2 - 4A^2 - 4AB + 4A > 0 \]

and \( A \leq 2 - 2B \), which at first present the same curiosity.

I wonder if it is not possible to build an example such as:

\( \varphi(t) \) is the characteristic function of a randomized variable always positive and \( \varphi(t) \varphi(-t) \) is able to be deflated.

I endeavoured to prove the contrary and was not successful but at this time I was fully convinced that the
general theorem was true.

May I ask you if it is possible to give a little paper for the Proceedings of the Royal Society. I have got an example of a family of randomized variables (two of them having two different laws) with no moment (even of the first order) and such as the limit of the law of \[ \frac{\sum x_i}{n} \] is normal, which is rather funny and should like to have it published there.

I have also a little article about a measure of the independence of rotations in a ball. My example is taken over the French Referendum about the new Constitution and should prefer it not
to be published in my country. In the same time (excuse me to ask you for so many things) would it be possible to have an offprint of the two following papers:
Population and Cumulants (R. A. Fisher and Carnish)
The wave of advance of advantageous genes (R. A. Fisher).
You gave them to me ten years ago but I left them in Paris when going to Algiers and they were destroyed in the bombing of the flat of my brother. I hope very soon I'll be able to meet you again and that will be for me a great pleasure to chat of the good time I had in your Galton Lab.
With my congratulations for your beautiful example and my kindest regards for you, Mrs. Fisher and your children (but I am sure they don't remember me).

Sincerely yours,

[Signature]

David [Signature]