

Ramón Ortiz Fornaguera
Residencia Consejo Investigaciones
Pinar, 21

M A D R I D .

Madrid, December 1st, 1947.

Prof. Albert Einstein,

PRINCETON.

My dear Sir:

Although I do not have the honor to know you personally, my studies in mathematical physics, in which I received the doctorate last June, have of course brought me close to your own monumental work at every turn, and lead me now to take the liberty of writing this letter. I do so in the hope that you may be willing to do me the very great favor of informing me of your views on three questions relating to the general concept of mathematical physics which I propose to treat in an essay now in preparation. It goes without saying that any observation upon them which you might send me would be of immeasurable help. The questions are:

- a) Is there any difference between mathematical physics and theoretical physics?
- b) Is mathematical physics merely a methodology, a simple study of mathematical methods employed in theoretical physics?
- c) What is the purpose of mathematical physics?

Some months ago I completed a translation into Spanish of *Mathematische Grundlagen der Quantenmechanik*, and am now corresponding with Prof. J. von Neumann on the subject of publication rights, concerning which he has written me most kindly. In a recent letter I mentioned to him that I intended to write to you, thinking that if he should have occasion to speak to you about the matter it would confirm for you the identity of an otherwise unknown correspondent.

I shall be deeply grateful, sir, if despite the irregular circumstances of my request find it possible to honor me with a reply. In any case I beg you to believe that by those who love science, wherever they may be, your name will always be venerated.

Yours respectfully,