

INTERNATIONAL ASSOCIATION  
FOR THE PROMOTION OF THE STUDY OF  
QUATERNIONS AND ALLIED SYSTEMS OF MATHEMATICS.

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Chatham, Ontario  
Canada  
26 Jan. 1900-

Dear Sir and Colleague:

I have just received your letter of 5th January.

At present my connection with the Universities of the United States is not very close. This winter I will lecture at two of them, on the principles of space-analysis. I have prepared a special course of lectures on that subject.

Here I have a small estate which makes me independent of Universities so far as a mode of living is concerned; and though a professor of physics by occupation, I have deliberately chosen to restrict my scientific activity to the subject of space-analysis.

I think that it will be difficult for Professor Casarsa to get what he

desired in the United States. The salary of  
a professor is commonly about \$2000 = 10,000 francs.  
This seems large, but it is not so; for the  
expences of living are very great. The  
rent of a house suitable for a professor  
is something like 1000 francs per annum.

However, I will tell you what I  
think would be his best plan. Professor  
Simon Newcomb, Professor of Mathematics in  
the Johns Hopkins University, Baltimore  
knows better than any other man what  
is possible and what vacancies there  
are for professors of mathematics. I  
think that they made some changes  
recently at the Johns Hopkins University.  
Professor Newcomb is well known in  
Europe, and must know the work  
of Prof. Cesaro. I would ~~also~~ advise  
Prof. Cesaro to write to Prof. Newcomb,  
or else to get one of his friends to  
write.

Hoping to meet you at the  
next Congress of Mathematicians,

Yours very truly

Alexander Macfarlane