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ST JOHN'S COLLEGE,  
CAMBRIDGE.

Nov 24

Dear Mr. Green

I was quite aware of the  
error in Zeeman, which I  
found as unintelligible as I did your  
letter in return. The disturbance  
of an orbit due to disturbing  
forces is not nearly correctly  
obtained by finding the  
disturbances produced in the  
projection of the orbit on the  
Coordinate <sup>axes</sup> ~~planes~~ and adding  
the results. At first disbelief



his argument. I disbelieved  
the result: which I afterwards  
found happened to be right  
if the orbit is that of one

election attracted to a  
fixed center. <sup>as you did without referring</sup>  
<sup>to the argument</sup> I was not  
right nor is anything like

it for the principal period  
the orbits of  
a system of + and - elections.

I still doubt whether a  
line is really <sup>completely</sup> sharply tripled:  
if it is important consequences  
must follow.

I fear it was I whom  
suggested the question to you?

of which you find a priori  
so obvious an answer. In  
fact Preston's fourth page  
which he finds sufficient  
shows that his ideas are of  
the haziest.

Yours ever  
Harmer

P.S. Surely you don't want  
to have a separate election  
describing its separate  
elliptic orbit, for each  
line in the spectrum.

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