

10(7)

October 27.

Φ,

I have put together a good deal of M.S. ready to go to Press on "Uniplanar Kinematics". It ought to be introductory to the great Treatise on "Physical Dynamics" which has been so long in contemplation.

Now, I propose that you should join in the writing of this; & more especially in the Kinematics of Strain, & one-plane fluid motion, vortices, &c.; besides adding wherever you think fit.

I am bringing in at the outset (p. 3, about) the discussion of wave-motion ($a \sin \frac{2\pi}{\lambda} vt - x$, &c.). Also giving a special Chapter on Roulettes, treating Planimeters, &c. in the way in wh. I have

deduced all the results in
Williamson's books - i.e.,
from General theorem of Epicycloidal
motion.

I have no doubt whatever of making
a very good & useful book, & I
think that 3-planar kinematics
ought to be reserved, as it would
involve bringing in Ball's Screws.

I propose soon offering the book to
the Clarendon Press; & I shall send
over the Chapters to you separately
when I have done with them, so that
you may add or alter. The fluid
vortex Chapter you w^d have to
do most of yourself.

The thing won't give you much
trouble - so write at once
acquiescing. It will be a capital
preparation of the more extended

work.

I am working at several
electrical things - more especially
experimenting with secondary
batteries - the results I shall
let you know of soon.

Much love.

M.

I now see how abjectly wretched
is Tait's Chapter on Kinematics
in "Tait & Steele".

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