



10/25

October 5.

D,
You must have noticed a queer
mistake in my letter. I told you
to take your Dame & Thomson
Tait with you, at the same time
addressing the letter to Bushmills!
The fact is that I had intended
to send it to T.C.D., but forgot to
do so when in haste for post.
I find that to solve the problem of
finding the displacements in a bent
beam my assumption of quadratic
values for u , v , w is wholly inadmis-
ible. The dep^{ts} must go up to third
powers at least; otherwise surface
stresses w^d have to be applied.

W(25)

I did not find this out for a long time.

Try the problem of the beam resting against ground & wall. I assume the usual expression $M = \frac{EI}{\rho}$

I hold; & I think that my answer looks right. Townsend has not yet sent me his solution.

Send me your corrected proof, as soon as you can. When they reach the Electricity & Stress, they will require careful exam' & criticism, but don't suggest (or insist on) any alterations except when you think I am wrong essentially. It is too late to be fastidious about the mode of expression, &c.

M