

CENTRAL TECHNICAL COLLEGE,

Exhibition Road,

26/37 London, Decr 15th 1898
S.W.

My dear Fitzgerald.

I fear that you must have thought that I was treating you very badly leaving your letter of the 6th. inst. so long unanswered; but not only have I been somewhat unwell myself, and much worried, but my wife and younger daughter have been for some time in bed - my daughter having been distressingly ill.

We are better now, the two ladies pe-

trients being able to come down to the drawing room for a time today.

I do not remember that the point you refer to has ever been considered. The general question of the increase of copper wire by winding it has been to some extent dealt with, and the subsequent decrease by annealing the coil after winding.

I do not, however, remember to have seen any reference to the alteration of the distribution of current, and the consequent alteration in the field set up in a flat coil, that as you point out must be caused by the stretching of the outer side of the wire.

But I should like now that my

mind to free from the anxiety that
was harassing it to think more about the
subject before expressing a definite opin-
-ion as to whether anything has been al-
-ready published on the subject.

Sincerely yours
W.R. Ayrton

26/37