

Do not Write  
in this  
Marg.

Physical Laboratory

Trin. Coll. Dub.

10. VII. 99

7/15

Dear Dr. Trill

I am enclosing with this a list of my publications and a statement <sup>as to</sup> some articles as I have written and of the honours paid me by Scientific men outside Ireland.

At the same time I enclose copies of some of my papers which I have been able to easily lay my hands on.

I must protest however against my scientific reputation being made a subject of controversy by the Board who are utterly incompetent to judge of it and because it has absolutely nothing to say to the question of whether the Board value my services enough to pay for them. On the whole I would prefer, for my own sake, that they did not.

Yours sincerely

Geo. Ha. Fitzgerald

31. 1889 :- Note on the origination of Turbulent motion in Viscous Liquids - R.S.S. Proc.
32. " :- Report on the Magnetic Observations at Valencia (With W. Lullman) :- R.S.S. Proc.
33. 1890 :- Royal Institution Lecture on <sup>Electromagnetic Induction</sup> ~~Electricity & Magnetism~~ :- R.S.S. Proc.
34. 1896 :- On the Longitudinal Component in Light :- R.S. Proc.
35. " :- On the Effect of Pressure in the Surrounding Gas on the Temperature of the Crater of an Electric Arc (With W.W.2. Wilson) :- R.S. Proc.
36. 1898 :- Note on the Connection between the Faraday Rotation of the Plane of Polarisation and the Zeeman Change of Frequency of Light vibrations in a Magnetic Field :- R.S. Proc.
37. 1899 :- On a hydrodynamical hypothesis as to Electro-magnetic Action: R.S. Proc.

was the author of

In addition to these ~~numerous~~ articles, Reviews, and Letters in the scientific journals, "Nature", "Science Progress", "Deutsche Revue", "The Electrician", "The Astrophysical Journal" and of a good deal of the Report of the Commission on Manual Training dealing with ~~Scientific~~ Instruction in Primary Schools.

Was President of Section A of the British Association, <sup>was President of the</sup> and of the Physical Society of London, and received ~~the~~ Royal Medal from the Royal Society of London.

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16. 1879-82. On the possibility of originating wave disturbances in the ether by means of electric forces: R. D. S. Trans. (3 papers)
17. 1882. Note on W. J. Thomson's investigation of the electromagnetic action of a moving electrified sphere R. D. S. Proc. & Phil. Mag. (1882)
18. 1883. On the electromagnetic effects due to the motion of the Earth: - R. D. S. Trans.
19. " On comets' tails: - R. D. S. Proc.
20. " On the energy lost by radiation from alternating electric currents: B. A.
21. 1884. On an analogy between electric and thermal phenomena: - R. D. S. Proc.
22. 1885. On a model illustrating some properties of the ether: - R. D. S. Proc. & Phil. Mag.
23. 1886 On the temperature at various depths in Long Desp in sunny weather  
R. D. S. Proc.
24. " On the limits to the velocity of motion of the working parts of Engines: - R. D. S. Proc.
25. 1887 On the Thermodynamic Properties of ~~a~~ Substances whose intrinsic Equation is a Linear Function of the Pressure and Temperature: - R. S. Proc.
26. 1887. Clausius' Formula for the change of state from Liquid to gas applied to Messrs Ramsay & Young's Observations on Alcohol: - R. S. Proc.
27. 1888. On the measurement of small pressures (in conjunction with D. Joly): - R. D. S. Proc.
29. " Address to the Mathematical & Physical Section of the British Association  
Bath: - B. A. Rep.
30. " Report on the accuracy of Ohm's Law in Electrolytes (With D. Rowton): B. A. Rep.

1. 1877. On the rotation of the plane of polarisation of light by reflection from the pole of a magnet: - R.S. Proc.
2. 1878. Note on surface tension: - Brit. Ass<sup>n</sup> Rep.
3. " . On the theory of muscular contraction: - " "
4. " . Suggestions for an experiment to demonstrate the polarised state of the gas in a Crookes' layer: - R.D.S. Proc.
5. 1879. On the tension of ~~liquids~~<sup>vapours</sup> near curved surfaces of their liquids: - B.A. Rep.
6. " . On the electromagnetic theory of the reflection and refraction of light R.S. Proc. and R.S. Trans. 1880.
7. 1880. On M. Dutei's experiments on electric accumulators: - R.D.S. Proc.
8. " . On the maximum tension of vapours near curved <sup>liquid</sup> surfaces: R.D.S. Proc.
9. " . Note on the conductivity of tourmaline crystals: - R.D.S. Proc.
10. " . Note on the construction of guard ring electrometers: - R.D.S. Proc.
11. " . Notes on fluorescence: - R.D.S. Proc.
12. 1881. On Prof. Osborne Reynolds's paper: "On certain dimensional properties of matter in the gaseous state": - Phil. Mag.
13. 1882. On Siemens' solar hypothesis: - Nature
14. 1883. On the superficial tension of fluids and its possible relation to muscular contractions: - R.D.S. Trans.
15. 1883. On the Mechanical Theory of Crookes' force: - R.D.S. Trans.: - Phil Mag 1879