

11. *E. P. Culverwell*.—On the discriminating condition between maxima and minima in the Calculus of Variations.
12. *David P. Todd*.—On the invariable plane of the Solar System.

SUB-SECTION OF PHYSICS.

[AT THE MORRICE HALL]

1. Report of Committee for facilitating the adoption of the Metric System in Great Britain.
2. *Lord Rayleigh*.—On the Colours of Thin Plates.
3. *Lord Rayleigh*.—On Clark's Standard Cells.
4. *Professor Fitzgerald*.—On an Analogy between Heat and Electricity
5. *J. Urquhart Mackenzie*.—The Telemeter System.
6. *Professors Reinold and Rücker*.—The thinning of liquid films by electric current.
7. *Professor Chandler Roberts*.—On the diffusion of metals.
8. *W. J. Millar*.—On Iron and other metals in the solid and molten states.
9. *Professor George Forbes*.—On the velocity of light of different colours.
10. *Albert A. Michelson*.—The velocity of light in carbon disulphide and the difference of the velocities of red and blue light in the same.
11. *Professor R. S. Ball*.—On a systematic research for stars with a measurable annual parallax, and its result.
12. *Dr. Stone*.—On an electro-dynamometer with extremely light moving coil for the measurement of small alternating currents.
13. *W. H. Preece*.—On the law regulating the connexion between current and intensity of incandescence of carbon-filaments in glow lamps.
14. *Professor S. P. Thompson*.—The equations of dynamo-electric machines.