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PAPERS TO BE READ ON MONDAY,

SEPTEMBER 1st, 1884.

[AT THE MORRICE HALL.]

Section A. — Mathematical and Physical Science.

1. Special Discussion on *The connexion of Sun-Spots with Terrestrial Phenomena*, to be opened by *Professor A. Schuster*.
2. *Professor Balfour Stewart* and *W. Lant Carpenter*.—On certain short periods common to solar and terrestrial phenomena.
3. The Report of Committee on the Harmonic Analysis of Tidal Observations.
4. Report of Committee on Tidal Observations in the English Channel.
5. *Professor A. Johnson*.—On the importance of Tidal Observations in the Gulf of St. Lawrence and the adjacent Atlantic coast.
6. Report of Committee on the Measurement of Solar Radiation.
7. Report of Committee on Meteoric Dust.
8. *Professor H. A. Rowland*.—Recent progress in photographing the Solar Spectrum.
9. *Rev. S. J. Perry*.—On the Spot-Spectrum from D. to B.
10. *C. Carpmael*.—On a new form of Induction Inclinator.
11. *The Earl of Rosse*.—An Electrical control for Equatorial Driving-Clocks.
12. *The Earl of Rosse*.—On the Polishing of Specula.
13. *Professor James Thomson*.—On Whirlwinds and Water-spouts.