

GENEALOGY DATABASE ENTRY

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Strutt, John William (Baron Rayleigh)

1842 - 1919

DEGREE: BA (mathematics)

DATE: 1865

PLACE: Cambridge

TEACHER/RESEARCH ADVISOR: Routh

Nobel Prize 1904; discovered argon (with Ramsay); accurately measured the value of the ohm, ampere, and volt; studied surface tension, sound, and optics, esp. water waves, earthquake waves, the principles of flight, the scattering of light, and the theory of gratings; first to explain why the sky is blue; devised equation describing black-body radiation at long wavelengths.

1. *Dictionary of Scientific Biography*; Charles Scribner's Sons: 1970-1990; vol. 13, p100-107.
2. *Dictionary of National Biography*; Smith, Elder & Co.: 1908-1986; (1912-21), p514-517.
3. *A Biographical Dictionary of Scientists*; Williams, T. I., Ed.; Wiley: 1969; p435.
4. Asimov, I. *Asimov's Biographical Encyclopedia of Science and Technology (2nd Ed.)*; Doubleday: 1982; p494-495.
5. *Proc. Roy. Soc. A* **1921**, 98, i-l.
6. *Proc. London Math. Soc.* **1922**, 20, xliii-xlvi.
7. *Nature* **1919**, 103, 365-369.
8. *Nature* **1926**, 118 (supplement), 41-60.
9. Lindsay, R. B. *Lord Rayleigh: The Man and His Work*; Pergamon: 1970.
10. Strutt, R. J. *Life of John William Strutt*; University of Wisconsin Press: 1968.