

ALEXANDER McAULAY

Professor of Mathematics 1896-1930 and lecturer from 1893, Alexander McAulay (1863-1931) graduated BA at Cambridge and MA at Melbourne.

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- 1 Smith's Prize Essay, Cambridge 1887

 Ms essay, "Quaternions as a practical instrument of Physical Research written by A. McAulay while at Gonville & Caius College, Cambridge for the Smith's Essay Prize. (Volume, 169 pp).
- 2 "Algebra after Hamilton, or Multenions" 1906-1908.

 Reprinted from Proceedings of Royal Society of Edinburgh vol. 23 Part 6 (No 34). Ms recd. December 1906. Annotated ms.
- 3 Multenions and differential invariants 1921.

 Reprint from the Proceedings of the Royal Society A vol. 99.
- 4 Multenions and differential invariants ~~11~~ 1922.

 Reprint from Proceedings of the Royal Society, A, Vol. 102, Annotated.
- 5 Researches in Relativity 1924.

 1 criticism and modification of Einstein's latest manifold. Royal Society of Tasmania Papers and Proceedings. Errata corrected.
- 6 The Mechanical forces indicated by relativity in an electro magnetic field. Can their existence be demonstrated. From Philosophical Magazine July 1923.

- 7 Poisson's and Green's theorems in Riemann's n - manifold both when it is space-like and when time-like. From Philosophical Magazine July 1923.

MISCELLANEOUS

- 8 "Zeitschrift Für Physik, Karl Scheel 1922
Addressed by author to Fr. Cherry.

- 9 List of mathematical pamphlets formerly owned by A McAulay