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ALEXANDER LEICESTER MCAULAY

Professor A. L. McAulay (1895 - 1969), Professor of Physics 1927 - 1959 and formerly lecturer 1922 - 1926 and student assistant 1914 - 1916, was the son of Professor Alexander McAulay. He was educated at the Hutchins School, University of Tasmania (Bsc 1916), Cambridge University, (BA 1921, MA 1926), University of Manchester (PhD 1921) and the Cavendish Institute under Lord Rutherford. Under him the physics department grew into one of the most active in Australia. He undertook and directed research into a variety of topics, including particle physics, cosmic radiation and metal surface electro-chemistry. His experiments were simple and aimed at the basic problems and his students learned to think carefully about the aims and underlying principles of their work. He was interested in biophysics. During the war he established an optics laboratory to supply prism and lenses for military equipment. See Australian Dictionary of Biography vol. 10.

- UT 52/1 Physics lecture notes c 1945-1950.
 A.L.McAulay.
 (4 volumes, ts. and duplicated)
- 2 Physics 1 and 11. Outline Lecture Notes ND
 Roneoed notes, annotated ms. by A.L. McAulay.
- 3 Elementary Paraxial Optics by F.D. Cruickshank ND
 (duplicated)
- 4 Electromagnetism for Physics 11 by B.I.H. Scott.
 (duplicated)
- 5 Long focal length photographic objectives May 1957.
 Optics Research Laboratory, University of Tasmania.
- 6 Muzzle Velocity Report No. 6 January, 1945.
 C.S.I.R., Copy No. 17, Secret classification, Lubricants and bearings
 serial No. A.115, A.E. Ferguson and R.W.R.Muncey.
- 7 Potential in electrolysis 1925.
- 8 "A new uncertainty principle in physics" ND
- 9 School Mathematics exam questions ND
- 10 Photograph of A.L. McAulay 1943.