



Inventory

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Papers of F Iain G Rawlins

National Library of Scotland
Manuscripts Division
George IV Bridge
Edinburgh
EH1 1EW
Tel: 0131-466 2812
Fax: 0131-466 2811
E-mail: manuscripts@nls.uk

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Notebooks

1-55. Notebooks containing notes on various scientific subjects.

1. "Metallurgy and Metallography", 1916.

2-5. "Science Data and Extracts", 1917-21.

6-7. "Heat, Light and Sound" University College, Reading, 1918.

8. "Experiments" – physics, 1918.

9. "Notes (on mathematics)", 1919.

10. "Higher mathematics Interpolation", 1919.

11-15. Notes on natural philosophy, 1918-19.

16-30. Notes on higher mathematics, 1918-19.

31-32. "University of Edinburgh. Second Ordinary Natural Philosophy Laboratory", 1919.

33. "Mathematics Cambridge", 1919.

34. "Analysis of Simple Salts", 1919-20.

35. "Physics Laboratory", 1920.

36. "Practical Physics", 1920-1921.

37. "Practical Physics", 1921.

38. "Philosophy". August 13, 1921". Notes on Whitehead.

39. "Physics A", 1921.

40. "Physics B", 1921.

41. "Sir John Cass Technical Institute. Outline of research work undertaken in conjunction with Mr R M Archer BSc on the effect of varying the pressure in a thermionic valve", 1921.

- 42-48. Notebooks on mathematics, including notes on Cass Research Club meetings, 1921-22.
- 49. "Practical Physics Supplement. Sir John Cass Institute", 1921-2.
- 50. "Physics. Magnetism and Electricity. Marburg Tables", Lecture notes. 1921-6.
- 51. "Microscopy", 1922.
- 52-4. "Notes on physics", 1922.
- 55. "Thermodynamics", 1923.
- 56. Notes on crystallography, n.d., enclosing examination paper in Practical Mineralogy, 1930.
- 57. Notes on mathematics, n.d.

Dissertation

- 58. F I G Rawlins "The Absorption Spectrum of Argonite". Dissertation submitted for the degree of MSc at the University of Cambridge, 1926.

Papers

- 59. Correspondence, 1923-33, 1945, 1957-75, n.d.
- 60. Correspondence relating to and reviews of Infra-red analysis of Molecular Structure by Rawlins and A M Taylor (published 1929), 1929-30.
- 61. Notes on religion and aesthetics, and the place of physics in the fine arts, 1960s.
- 62. Reviews by Rawlins, 1950s and 1960s.
- 63. Invitations, prayers and obituaries, 1940s-1960s.
- 64. Research notes including notes on the degeneration of gases, 1920s.
- 65. Research notes on various subjects including thermodynamics, 1920s.
- 66. Typescript of "Wohlers Urea, and its vital force? – A Verdict from the Chemists" by John H Brooks, Fitzwilliam Museum, Cambridge, n.d.

67. Photographs of Rawlins, 1967, n.d.
68. Miscellaneous printed items including examination papers for associateship of The Institute of Physics, 1922-27; copies of The Chemical Journal and Journal of Physical Science, 1918.