

Supplementary material.

A bibliography of Australian mathematics to 1960 with observations relating to the history of Australian mathematics

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LISTS

The main item, [article HR19008](#), should be read first for a full understanding of what is included here. The superscript ^{CAI} before an author's name indicates that biographical information on that author is to be found in *Counting Australia In*.¹

List I— Chronological List of Publications to 1900

1. RUSSELL, JOHN WM. (18-?) *Exercises and examples in expert arithmetic*, Kealy & Philip, Sydney.
2. BOWDEN, THOMAS (1812) *Bowden's tables*, Ferguson I, 532. [‘Their object is to ascertain at a momentary glance, the difference between sterling and currency ... They are calculated with a degree of precision that must have occupied considerable time and attention ...’, according to Ferguson. No copy known.]
3. ^{CAI}BRISBANE, THOMAS MAKDOUGALL (1817) *The following calculations of the reductions of English weights and measures, to those of France, and vice versa, ...*, Ferguson IV (Addenda), 670a. See also VIII, 670aa, 671, 673.
4. ^{CAI}WENTWORTH, WILLIAM CHARLES (1819) *A statistical, historical, and political description of the colony of New South Wales, and its dependent settlements in Van Diemen's Land ...*, Ferguson I, 771. [Published in London. ‘The first original work published by an Australian author ...’, according to Ferguson.] — (1820) [The same, second, enlarged edition.] Ferguson I, 802. — (1824) [Similar, third edition, in two volumes.] Ferguson I, 990. — (1840) [Similar, fourth edition (reprint of the second?).] Ferguson III, 3119.
5. POTTS, JOSEPH HYDE (1821) *Table of factors for interest at eight and ten percent*, Bank of New South Wales, Sydney.
6. — (1841?) *Three tables of interested products, or factors, for four eight, and ten percent*, J. Tegg and Co., Sydney.
7. BRINKLEY, REV. JOHN² (1825) *The results of computations on astronomical observations made at Paramatta [sic], in New South Wales ... and the application thereof to investigate the exactness of observations made in the northern hemisphere*, Ferguson VIII, 1002a, 1003. [Published in Dublin.]
8. ^{CAI}RUMKER, CHARLES STARGARD³ (1828?) *Observations for determining the absolute length of the pendulum vibrating seconds at Paramatta [sic], according to Borda's method* (in a letter to F. Bailey), Astronomical Society of London, London. [‘Includes formulae and mathematics used for observations, corrections and calculations’, from Trove notes.]

¹ Cohen (2006).

² John Mortimer Brinkley (1763 or 1766 – 1835) was the first Royal Astronomer of Ireland. Born in Woodbridge, Suffolk, he attended Cambridge University and graduated BA in 1788 as senior wrangler and Smith's Prizeman. In 1792, he became the second Andrews Professor of Astronomy in the University of Dublin. (Taken from *Wikipedia*, where there is no suggestion of any other connection with Australia.)

³ Named in *Counting Australia In* as Christian Carl Ludwig Rümker, and described there (page 33) as Australia's first practising mathematician.

9. ^{CAI} DAVIES, JOHN J. (1831) *Tables for the use of schools; intended as an introduction to arithmetic, and adapted to facilitate the practice of mental calculation*, Ferguson IV (Addenda), 1426a. See also VIII, 1426a, 1427. [‘The first Australian school-book, of which a copy has survived’, according to Ferguson.]
10. HORTON, ROBERT WILMOT⁴ (1831) *Lecture I. Delivered at the London Mechanics’ Institution on the 15th of December, 1830 : being the first of a series of lectures on statistics and political economy, as affecting the condition of the operative and labouring classes. With notes*, Ferguson IV Addenda, 1445aa⁽¹⁾. [Published in London.] — [Similar.] *Lecture II ... 22nd of December, 1830 ...* Ferguson IV Addenda, 1445aa⁽²⁾; *Lecture III ... 12th of January, 1831 ...* Ferguson IV Addenda, 1445aa⁽³⁾; *Lecture IV ... 10th [sic] of January, 1831 ...* Ferguson IV Addenda, 1445aa⁽⁴⁾; *Lecture V ... 26th of January, 1831 ...* Ferguson IV Addenda, 1445aa⁽⁵⁾ [‘The possible earnings of a labourer in New South Wales referred to at p. 7’, according to Ferguson.]; *Lecture VI ... 23rd of February, 1831 ...* Ferguson IV Addenda, 1445aa⁽⁶⁾; *Lecture VII ... 9th of March, 1831 ...* Ferguson IV Addenda, 1445aa⁽⁷⁾; *Lecture VIII ... 16th of March, 1831 ...* Ferguson IV Addenda, 1445aa⁽⁸⁾ [‘Want of labour in the Colonies of New South Wales and Van Diemen’s Land stressed, pp. 22-3’, according to Ferguson.]; *Lecture IX ... 23rd of March, 1831 ...* Ferguson IV Addenda, 1445aa⁽⁹⁾; *Lecture X ... 30th of March, 1831 ...* Ferguson IV Addenda, 1445aa⁽¹⁰⁾. — (1832) *Lectures on statistics and political economy, as affecting the condition of the operative and labouring classes ...* Ferguson IV Addenda, 1568a.
11. GOODRIDGE, CHARLES MEDYETT (1832) *Statistical view of Van Diemen’s Land, comprising its geography, geology, climate, health and duration of life, divisions of the island, number of the houses, expences [sic] of the people, manufactures, habits, literature, amusements, roads, and public works, unappropriate [sic] land, commercial property, nature of plants and animals, price of labour, and other useful information, up to the year 1831, forming a complete emigrant’s guide*, Ferguson II, 1537. (See also II, 1536.) [Published in London.]
12. ^{CAI} LANG, REV. JOHN DUNMORE (1834) *An historical and statistical account of New South Wales both as a penal settlement and as a British colony* (in two volumes), Ferguson II, 1806. [Published in London.] — (1837) [Same, second edition.] Ferguson II, 2289. — (1840) [Same, third edition.] Ferguson IV (Addenda), 3017a. — (1852) [Similar, in two volumes.] Ferguson VI, 11335. — (1875) [Similar, in two volumes, Vol. I, fourth edition.] Ferguson VI, 11384. (See also Ferguson VIII, 3017a, 3018, 3019, 3020, 3022, 3023, 3024, 3027, 3029.) — (1852) *An historical and statistical account of New South Wales : including a visit to the gold regions, and a description of the mines : with an estimate of the probable results of the great discovery*. Longman, Brown, Green & Longmans, London.
13. RICHARDSON, WILLIAM (1835) *A catalogue of 7385 stars, chiefly in the southern hemisphere : prepared from observations made in the years 1823, 1824, 1824 and 1826, at the observatory at Paramatta [sic], New South Wales : founded by Thomas Makdougall Brisbane, the computations made and the catalogue constructed*, H.M.S.O., London.
14. MARTIN, ROBERT MONTGOMERY (1839) *Statistics of the colonies of the British Empire, in the West Indies, South America, North America, Asia, Austral-Asia, Africa*

⁴ ‘Sir Robert Wilmot Horton (1784 – 1841) ... had a prominent part in the constitutional changes in New South Wales in 1823 ...’ (*Australian Dictionary of Biography*)

- and Europe : from the official records of the Colonial Office*, Wm. H. Allen and Co., London.
15. FROME, EDWARD CHARLES (1840) *Outline of the method of conducting a trigonometrical survey, for the formation of topographical plans ... with the explanation and solution of some of the most useful problems in geodesy and practical astronomy, to which are added a few formulae and tables of general utility for facilitating their calculation*, Ferguson VIII, 2978a, 2979, 2980, 2983. [Published in London.] — (1850) [Second edition, slightly different title, ‘with an additional chapter upon colonial surveying ...’; published in London.] Ferguson IV, 5357b.
 16. — (c.1850) *Colonial Surveying*, Ferguson IV, 5358. [See previous item; printed in Van Diemen’s Land.] (See also Ferguson VIII, 5358(rev).)
 17. THOMSON, EDWARD DEAS⁵ (1841) *New South Wales – census of the year 1841*, Colonial Secretary’s Office, Sydney.
 18. MANSFIELD, RALPH (1841) *Analytical view of the census of New South Wales for the year 1841; with tables showing the progress of the population during the previous twenty years*, Ferguson III, 3246. — (1847) [Similar, ... *for the year 1846 ... and an appendix.*] Ferguson IV, 4592.
 19. HAWKINS, REV. ERNEST (1842) *The colonial church atlas, arranged in dioceses, with geographical and statistical tables*, Ferguson III, 3420. [Published in London.] — (1845) [The same, second edition.] Ferguson III, 4058.
 20. CURR, JOHN (1843) *Statistics of banking, in the colony of New South Wales; the assets and liabilities of the banks, their capital and profits, according to their sworn returns, as they relate to the public and the shareholders; and a proposed remedy for the monetary distress of the colony*, Ferguson III, 3595.
 21. WESTGARTH, WILLIAM (1844) *Commercial and statistical report on the colony of Port Phillip, New South Wales*, Ferguson III, 3952. — (1845) [Similar, ‘Half Yearly Report’.] Ferguson III, 4205.
 22. — (1856) *Commerce and statistics of Victoria, from the commencement of the colony*, Ferguson VII, 18417.
 23. MACONOCHIE, ALEXANDER (1845) *Criminal statistics and movement of the bond population of Norfolk Island, to December, 1843*, Ferguson III, 4096. [Published in London.]
 24. LEACH, ROBERT OWEN (1846 – 1848) *Mathematical and navigational workbook written by Robert O Leach on board HMS Gladiator*, Part of the Australian National Maritime Museum collection.
 25. CROSSLEY, JOHN THOMAS, and MARTIN, WILLIAM (1846) *The intellectual calculator or manual of practical arithmetic and a complete course of mental arithmetic*, Ferguson IV, 4261a. (See also Ferguson VIII, 4261a(rev), 4264.)
 26. NEISON, FRANCIS G. P. (1847) *Analysis of the census of New South Wales*, Ferguson IV, 4609.

⁵ Edward Deas Thomson (1800 – 1879) was born in Edinburgh and arrived in Australia in 1829 to take up an appointment as clerk to the Executive and Legislative Councils, New South Wales. He achieved eminence as a legislator and was Chancellor of the University of Sydney from 1865 to 1878.

27. MACKINTOSH, WILLIAM (1848) *General statistical and commercial report of the province of Australia Felix, for the year ending 31st July, 1847*, Ferguson IV, 4817.
28. DANSON, J. T. (1849) *From the Journal of the Statistical Society of London, November, 1849. Some particulars of the commercial progress of the colonial dependencies of the United Kingdom during the twenty years, 1827 to 1846*, Ferguson IV, 5027. [Published in London.]
29. DOWLING, HENRY (1851) *Dowling's table book : new arithmetical and commercial tables*, Ferguson V, 9226.
30. WRIGHT, SAMUEL (1851) *Discount or interest tables : for easy calculation of the amount of discount or interest for any number of days, at any rate per cent per annum*, Adelaide.
31. YOUNG, J. L. (1851) *A lecture on the practical applications of the mathematics. Delivered at a meeting of the Young Men's Christian Association ...*, Ferguson VII, 18992.
32. HUTCHINS SCHOOL, HOBART TOWN (1852) *Algebraical definitions and rules, for the use of the pupils in the Hutchins School, Hobart Town, Van Diemen's Land*, Ferguson VI, 10710.
33. — (1852) *Arithmetical tables and rules, compiled for the use of the pupils in the Hutchins School, Hobart Town*, Ferguson VI, 10711.
34. ^{CAI} ARCHER, WILLIAM HENRY (1854) *The statistical register of Victoria, from the foundation of the colony; with an astronomical calendar for 1885*, Ferguson V, 6076.
35. — (1858) *Facts and figures; or, notes of progress, statistical and general, for Australasian circulation*, Ferguson V, 6081.
36. — (1861?) *Statistical notes on the progress of Victoria, from the foundation of the colony, 1835 – 1860*, Ferguson V, 6082. — (1860 – 67) [Two similar works.] Ferguson V, 6083; (no year), Ferguson V, 6084.
37. — (1866) *The progress of Victoria, a statistical essay*, Blundell & Co., Melbourne. — (1873) [Similar.] Ferguson V, 6088.
38. REGISTRAR-GENERAL, VICTORIA (1855) *Census of Victoria, 1854 : population tables*, Government Printer, Melbourne. — (1857) [Same, ... 1857.] Government Printer, Melbourne. — [Similar, *Census of Victoria, 1861.*]
39. SANDS & KENNY (1857) *The Victoria gold ready reckoner carefully revised : commencing at £3 and terminating at £4. 5s. 9d. per ounce*, Sands and Kenny, Melbourne. — (1878) [Same title.] Sands and McDougall, Melbourne.
40. PUSELEY, DANIEL (1858) *The rise and progress of Australia, Tasmania, and New Zealand : In which will be found increase and habits of population, tables of revenue and expenditure; commercial growth...*, Warren Hall & Co., London.
41. ABBOTT, FRANCIS (1859) *Meteorological observations taken at the observatory, Hobart Town, from January, 1856, to June, 1860, inclusive*, Ferguson V, 5600. — [Seven other works containing meteorological observations.] (1861) Ferguson V, 5601; (no year) Ferguson V, 5602; (no year) Ferguson V, 5602a; (1866) Ferguson V, 5603; (no year) Ferguson V, 5604; (1872) Ferguson V, 5605; (1877) Ferguson V, 5606.
42. DURLACHER, ALFRED (1859) *Report on the general statistics of the colony, for the year 1859*, Registrar-General's Office, Perth.

43. ^{CAI} GARDINER, MARTIN (1859) *Improvements in fundamental ideas and elementary theorems of geometry*, Mason and Firth, Melbourne.
44. — (1860) *The three sections, the tangencies and a loci problem of Apollonius and porismatic developments*, Mason & Firth, Melbourne.
45. — (c.1863) *Geometrical researches : in four papers comprising numerous new theorems and porisms and complete solutions to celebrated problems*, Philosophical Society of New South Wales, Sydney.
46. — (1876) *On practical geodesy*, Mason, Firth & McCutcheon (Royal Society of Victoria), Melbourne.
47. — (1883) *Solution to the celebrated fundamental question (hitherto unsolved) of dynamics*, Ferguson V, 9825.
48. — (1883) *Solution to one of the most celebrated questions (hitherto unsolved) in dynamics*, Ferguson V, 9826.
49. — (1883) *Determination of the motion of the solar system in fixed unalterable space*, Ferguson V, 9826a.
50. — *Elementary organic geometry (preparatory to quaternions)*. [Described as ‘Ready for Publication’, *Argus* (17 January 1891). Unseen; no other references.]
51. HAWKINS, H. S. (1859) *Elementary exercises in algebra*, Reading and Wellbank, Sydney.
52. MACKENNA, J. WILLIAM (1859) *The causes of the diseases of children; with a comparative table of infantile mortality in the Australian colonies*, Ferguson VI, 12042a.
53. VICTORIA PARLIAMENT (1859) *Criminal statistics*, Government Printer, Melbourne.
54. RICHARDSON, OLIVER K. (1860) *Census of South Australia, 1860. Population tables*, Government Printer, Adelaide.
55. HARGRAVES, CHARLES TOWNSHEND (1860) *No. 4. South Australian Association of Architects, Engineers, and Surveyors. On locomotive power in working steep gradients with sharp curves. A paper read at the general monthly meeting, June 5, 1860*, Ferguson VI, 10238.
56. KAVEL, REV. AUGUSTUS L. C. (1860) ‘... a neat pamphlet containing statistical accounts of [the Colony of South Australia] ...’, according to Ferguson, Ferguson VI, 11050a. [‘Not seen’, probably published in London.]
57. MOORE, JEREMIAH J. (c.1860) *Moore’s table book for the use of schools*, Ferguson VI, 12736.
58. CENSUS (1861) *Western Australia census, 31st of March 1861*, Registrar General’s Office, Perth.
59. CENSUS (1862) *Census of the colony of New South Wales : taken on the 7th April, 1861, under the Act, 24 Victoria, No. 5*, Government Printer, Sydney.
60. TABLES (1862) *Tables of difference of latitude and departure : constructed to every quarter of a degree of the quadrant ...*, Government Printer, Sydney.
61. COLONIAL EMIGRATION SOCIETY (c.1863) *Objects, tables to show the average rate of wages, prices of provisions, cost of passages, and necessary outfits. Descriptions of the products of the different colonies and their prospects as a guide to intending emigrants*, Ferguson V, 8498, 8499.

62. VICTORIA, MINES DEPARTMENT (1863) *Gold fields statistics*, Government Printer, Melbourne.
63. ^{CAI} VON NEUMAYER, GEORG BALTHASAR (1864) *Results of the meteorological observations taken in the colony of Victoria, during the years 1859 – 1862; and of the nautical observations collected and discussed at the Flagstaff Observatory, Melbourne during the years 1858 – 1862*, Government Printer, Melbourne.
64. McCARTHY, CHARLES (1865) *On the excessive mortality of infants and its causes : with statistical tables*, George Robertson, Melbourne.
65. ADAMS, WALTER MARSHAM (1866) *Outlines of geometry; or, the motion of a point. An introductory treatise on the difficulties of elementary geometry, and the general principles of the higher plane curves, with especial reference to Euclid's Elements*, Ferguson V, 5660.
66. HULL, HUGH MUNRO (1866) *Statistical summary of Tasmania, from the year 1816 to 1865 / compiled from government gazettes, blue books, and statistical tables*, Government Printer, Hobart Town.
67. SMYTH, ROBERT BROUGH (1866) *Mining and mineral statistics*, Blundell & Ford, Melbourne.
68. ADELAIDE LIFE ASSURANCE AND GUARANTEE COMPANY (1867) *Tables of premiums for the insurance of lives or the granting of annuities*, David Gall, Adelaide.
69. CENSUS OF SOUTH AUSTRALIA (1867?) *Census of South Australia, March 1866 : summary tables*, Government Printer, Adelaide (1867?).
70. WICKES, EDWARD WALTER (1867) *Arithmetic for Australian beginners*, David Gall, Adelaide.
71. COLE, EDWARD WILLIAM (1870) *Cole's commercial tables : consisting of reckoning, interest, annuity, money, weights, measures, and other tables*, E.W. Cole, Melbourne.
72. KNIGHT, W. (1870) *Census of the colony of Western Australia, taken at the 31st March, 1870, as also the general statistics of the colony, for the ten years ending 31st December 1869*, Registrar-General's Office, Perth.
73. THOMSON, WILLIAM (1870): *On phthisis and the supposed influence of climate : being an analysis of statistics of consumption in this part of Australia with remarks on the cause of the increase of that disease in Melbourne*, Stillwell & Knight, Melbourne.
74. ^{CAI} PELL, MORRIS BIRKBECK (1871) *On the constitution of matter*, Ferguson VI, 13996. ['... an attempt is made to account for some of the properties of matter upon mechanical principles', according to Ferguson.]
75. — (1876) *Rates of mortality and increase of the population of New South Wales*, Ferguson VI, 13997. ['Reprinted from *The Sydney Morning Herald*,'] according to Trove.]
76. SLATER (1871) *Slater's Queensland table book*, Brisbane.
77. ^{CAI} WILSON, WILLIAM PARKINSON (1871) *The conservation of energy*, in 'Lectures delivered in the lecture room of the Museum during the Spring session of 1870', Samuel Mullen, Melbourne.
78. — (1871) *Radiant energy in relation to the spectrum*, in 'Lectures delivered in the lecture room of the Museum, during the autumn session of 1870', Samuel Mullen, Melbourne.

79. HAMILTON, ARCHIBALD (1872) *On the colonies : a paper read before the Statistical Society, 19th March, 1872*, Ferguson VI, 10179c. [Published in London.]
80. HART, JACOB S. (1872) *Statistics of the Manchester Unity Independent Order of Odd Fellows' Friendly Society in Victoria : for the year ending December, 1871*, Melbourne.
81. INSTITUTE OF ACTUARIES (1872) *Life tables*, Institute of Actuaries.
82. SOCIETY FOR THE DISSEMINATION OF KNOWLEDGE (1872) *Statistical inquiries into the efficacy of prayer ... by a Society for the Dissemination of Knowledge*, Ferguson VII, 16152.
83. RUSSELL, JOHN WILLIAM (1873?) *Instructions for use of the arithmetigram*, George Robertson, Melbourne.
84. — (1886) *Arithmetical exercises in abstract, concrete, and mental arithmetic : for the use of pupils*, George Robertson & Co., Melbourne.
85. HOPKINS, JOHN H. A. (1873) *Tables of the values of 4, 5, & 6 per cent, 100 debentures whereby calculations relating to these bonds are much simplified, each case being calculated for nine return rates proceeding by one-eighth per cent. per half-year, ...*, Ferguson VI, 10536.
86. WHITTON, HENRY W. (1873) *A new ready reckoner, calculated on the decimal system : in a series of 23 sections, comprising 183 tables, for showing the per centage of cost on charges on goods ...*, Henry W. Whitton, Melbourne.
87. GROVES, GEORGE WAKEFIELD (1873) *G. W. Groves' weather tables for the year 1874 : and an account of the transit of Venus*, Dunn, Carter, Melbourne.
88. BALL, ISAAC WARREN (1874) *Handbook of examination papers in arithmetic and algebra : being questions proposed to candidates at the matriculation examinations of the University of Melbourne, 1864 to 1874*, Samuel Mullen, Melbourne. — (1874) *Answers to questions in handbook ... with solutions, hints, &c.*, Samuel Mullen, Melbourne. — [Similar, ... 1874 to 1878, ... 1878 to 1883.]
89. ^{CAI}PIRANI, FREDERICK JOY (1874) *On some processes of scientific reasoning*, Royal Society of Victoria, Melbourne.
90. — (1877) *On force*, Royal Society of Victoria, Melbourne.
91. CORK, NATHANIEL (1874) *Statistics of Australian banking*, Ferguson V, 8692.
92. NOWELL, EDWIN CRADOCK (1875) *On the vital statistics of Tasmania, with especial reference to the mortality of children*, Ferguson VI, 13498.
93. — (1883) *Census of the colony of Tasmania, 1881 : with introductory report*, Government Printer, Hobart.
94. ROBERTS, JOHN H. (1875) *The arithmetic book superseded : from this collection of class sums*, E. Purton & Co., Melbourne.
95. MELCHIORE, C. (1877) *The rythmical [sic] and reformatory school : the divinism, or, the only social doctrine mathematically demonstrable as true, and therefore acceptable as moral and eternal*, E. Purton & Co., Printers, Melbourne.

96. SUTHERLAND, ALEXANDER⁶ (1877) *On the probability that a connexion of causation will be shown to exist between the attraction of gravity and the molecular energy of matter*, Royal Society of Victoria, Melbourne.
97. — (1879) *On the method of calculating the increment in the value of land*, Royal Society of Victoria, Melbourne.
98. BOOTHBY, JOSIAH (1876) *Statistical sketch of South Australia*, Ferguson V, 7283. — (1879) [The same.] Ferguson V, 7283a. — (1876) [Similar.] Ferguson V, 7284.
99. ^{CAI}HAYTER, HENRY HEYLYN (1876) *Notes on the colony of Victoria : historical, geographical, meteorological, and statistical*, Victorian Year Book, Ferguson VI, 10320.
100. — (1883) *Census of Victoria, 1881 : general report, with summary tables, diagrams, and maps*, Government Printer, Melbourne.
101. ^{CAI}ANDREW, HENRY MARTYN and ^{CAI}PIRANI, FREDERICK JOY (1878) *Euclid, books I and II, with symbols, notes and exercises*, Mason, Firth and McCutcheon, Melbourne. — (1879) [The same, second edition, revised.] — (1882) [The same, third edition, enlarged to include Book III. (Book III also published separately.)] — (1892) [The same, further editions until the ninth.]
102. ^{CAI}KERNOT, WILLIAM CHARLES (1878) *Logarithmic computations for survey purposes*, M.K. Armstrong, Printer, Kyneton, Victoria.
103. — (1880) *The adjustments of the theodolite*, Sands & McDougall, Printers, Melbourne.
104. MOULTON, C. E. (1878) *Moulton's lightning calculator: a new practical and scientific method of calculation applicable to all business transactions and unequalled for simplicity, brevity and accuracy* (64th edition), Wm. Marshall, Melbourne. — (1881) [66th edition.]
105. TURNER, E. W. (1878) *Remarks on a method proposed to be used for defining the direction of lines in surveying*, Tumut and Adelong Times, Tumut, N.S.W.
106. WILSON, JOHN P. (1878) *The outlines of algebra to simultaneous equations*, Melbourne.
107. — (1896) *Euclid primer : a first course of geometry, with remarks on the teaching of Euclid*, Melville, Mullen & Slade, Melbourne.
108. ^{CAI}LAMB, HORACE (1879) *A treatise on the mathematical theory of the motion of fluids*, Cambridge University Press, Cambridge.
109. — (1884) *The history of electro-magnetism; a discourse delivered at the annual commemoration of the University of Adelaide*, Ferguson VI, 11290.
110. — (Undated) [*Exercise books*]. Unpublished. [Catalogue entry: 'Contents – (1) Kinematics of rigid bodies – Statics – Dynamics (Three Dim'ns) (2) Dynamical problems.']

⁶ Sutherland (1852 – 1902) was born in Glasgow, moved to Melbourne with his family in 1870 and by 1875 had an MA from the University of Melbourne. He became mathematics master at Scotch College and, from 1877 to 1892, was headmaster of Carlton College. He turned then to journalism and politics. 'He also had a talent for sketching, a profound knowledge of music and a good baritone voice.' (*Australian Dictionary of Biography*)

111. VERCO, JOSEPH C. (1879) *The South Australian statistics of consumption*, Ferguson VII, 17696.
112. HAYES, WILFRID (188?) *E.P.C. individual arithmetic practice cards : standard I*, Cassell & Company, Limited, Melbourne. [‘48 cards plus one folded card with answers,’ according to Trove.]
113. ALBRECHT, C. E. (1880) *Measurements and dimensions of tanks and dams, with instructions for their setting out and calculation, illustrated by diagrams, and furnished with carefully compiled tables*, Ferguson V, 5796. — (1885) [The same, second edition.] Ferguson V, 5796a.
114. ^{CAI} NANSON, EDWARD JOHN (1880) *Proportional representation*, Melbourne (Royal Society of Victoria). — (1900) [The same.] Melbourne. [‘Includes, loosely inserted single leaf ms. list of “Resolutions” favouring the adoption of the Nanson system and “the formation of a League to further that object” ’, from Trove.]
115. — (1882?) *Methods of election*, Royal Society of Victoria, Melbourne.
116. — (1899) *Electoral Reform : An exposition of the theory and practice of proportional representation*, Ferguson VI, 13056. — (1900) [Same, third edition.] Melbourne.
117. — (‘between 1899 and 1902’, from Trove) *Remarks on the new electoral system*, Mason, Firth & M’Cutcheon, Melbourne. — (1900?) *Remarks on the report of the new electoral system*, Melbourne.
118. — (1900) *The real value of a vote and how to get it at the coming federal election*, Ferguson VI, 13057.
119. STATE SCHOOL TEACHER (1880) *Arithmetical recreations with abstract numbers : in simple rules, fractions, common measures and multiples, proportion, binomial coefficients, series, figurate numbers, combination, &c / by a State School teacher*, Victoria?
120. BURSTON, JOHN J. (1881) *The state school arithmetic arranged to suit the requirements of the programme of instruction issued by the Education Department*, G. Robertson, Melbourne.
121. — (1884) *Burston’s exercises in practice and proportion : containing over 1,000 questions for use in fifth and sixth classes in the State Schools of Victoria*, George Robertson & Co. Melbourne.
122. CRELLIN, WILLIAM (1881) *Crellin’s complete traverse table*, George Robertson, Melbourne.
123. SURRENDER VALUE (1881) *The surrender value of a life policy. A popular exposition of the subject. With numerous tables and copious examples of the practice in relation thereto of the life assurance offices of all countries*, Ferguson VII, 16432.
124. WAKELIN, T. (1881) *A great mathematical question*,⁷ Ferguson VII, 18030.
125. — (1886) *On the possibility of the force producing gravitation not acting directly on every particle of a planet*, Ferguson VII, 18031.
126. JAMIESON, JAMES (1882) *Contributions to the vital statistics of Australia*, Sydney.
127. RICHARDS, THOMAS (editor) (1882) *New South Wales in 1881; being a brief statistical and descriptive account of the colony up to the end of the year, extracted chiefly from official records*, Ferguson VII, 14892.

⁷ See <http://nla.gov.au/nla.obj-75286910/view?partId=nla.obj-75292488#page/n1/mode/1up>.

128. H., J. B. (1883) *Ballaaratania, 1881 – 3. Descriptive notes & statistics. An answer to a Londoner's question 'What sort of place is this Ballaarat [sic] which you have been blowing so much about'*, Ferguson VI, 10154b.
129. BYRON, JOHN (1884) *New South Wales census of 1881 : consisting of report, summary tables, appendices and conspectus tables*. Government Printer, Sydney.
130. FORREST, JOHN (1884) *Notes on Western Australia, with statistics for the year 1883*, Ferguson V, 9682. — (1885) [The same, ... *for the year 1884.*] Government Printer, Perth. — (No year) [The same, ... *for the year 1885.*] Ferguson V, 9684.
131. LAWRENCE, CHARLES (1884) *Ready reckoner of agents' commissions on land sales and money loans, in regular progression of single pounds sterling, from ten pounds up to five thousand pounds*, Ferguson VI, 11488.
132. BASSETT, W. F. (1886) *Energy : or, thoughts on inductive reasoning in its bearing on natural religion*, Ferguson V, 6786.
133. LIVINGSTONE, R. (1886) *Handbook of examination papers in arithmetic and algebra being questions proposed to candidates at the matriculation examination of the University of Melbourne, 1881 to 1885, with answers and hints for the solutions*, Samuel Mullen, Melbourne. — (1891) [Similar, ... *1887 to 1890.*] Ferguson VI, 11675.
134. HARTLEY, JOHN ANDERSON (1887) *Teachers' manual of elementary arithmetic. Part I (the numbers from 1 to 12)*, Ferguson VI, 10271. — (1888) [Similar, ... *Part II (the numbers from 1 to 100).*] Ferguson VI, 10272. — (1898) [Similar, ... *Part 3, The numbers from 1 to 1,000.*] Education Department, Adelaide. 1898. — (1904) [Many further versions.]
135. AUSTRALASIAN STATISTICS: *Statistics of the Australasian colonies : compiled from official records, 1885*, Government Printer, Adelaide. 1887; Trove.
136. SPARK, JAMES L. (1887) *Table of areas for rectangular allotments of from 1 foot to 100 feet frontage by 1 foot to 100 feet in depth*, F.J. Ridley, Petersham, N.S.W.
137. WARREN, WILLIAM HENRY (1887) *The strength and elasticity of New South Wales timbers of commercial value*, Ferguson VII, 18203.
138. — (1890) *The transverse strength of Australian timbers*, Ferguson VII, 18204.
139. CARTER, H. J. (1888) *Mathematical papers set in the Sydney University junior public examinations for the years 1883 – 1887 with complete solutions & explanation of the questions*, Turner & Henderson, Sydney.
140. ^{CAI}COGHLAN, TIMOTHY AUGUSTINE (1888) *Report on the vital statistics of Sydney and suburbs for the year 1887*, Government Printer, Sydney.
141. — (1892) *Childbirth in New South Wales : a study in statistics*, Government Printer, Sydney. — (1900) [Similar, ... *Illustrated by eight diagrams.*] Ferguson V, 8426
142. — (1894) *Results of a census of New South Wales taken for the night of the 5th April, 1891*, Government Printer, Sydney. — (1894) *General report on the eleventh census of New South Wales*, Ferguson V, 8418.
143. — (1895) *A statistical survey of New South Wales*, Government Printer, Sydney.
144. — (1898) *Statistics of the seven colonies of Australasia. 1861 to 1897. Compiled from official sources*, Ferguson V, 8424.
145. — (1898) *Deaths in childbirth in New South Wales*, Ferguson V, 8425.

146. ^{CAI} THRELFALL, RICHARD (1888?) *Notes on elementary dynamics*, Gibbs, Shallard & Co. for University of Sydney, Sydney.
147. CAMPBELL, FREDERICK ALEXANDER (1889) *Notes, and tables relative to the strength of materials*, Melbourne. — (1891) *Notes on columns, with table*, Melbourne. [Engineering pamphlets.]
148. PULSFORD, EDWARD (1889) *New South Wales' statistics and Victorian critics : an address delivered by Mr. Edward Pulsford in the Town Hall, Balmain, November 11th, 1889*, Free Trade and Liberal Association of N.S.W., Sydney.
149. BERGLIN, C. E. (189?) *Berglin's condensed logarithmic tables : pocket size, for ready reference*, C. E. Berglin, Sydney. ['Consists of 3 small sheets of cardboard, printed on both sides with tables', according to the catalogue.]
150. CASSEL (189?) *Cassel's universal model table book : introducing new features, and specially arranged to lead children from simple to complex tables, and to acquire a thorough knowledge of simple numbers and money tables*, Cassel & Company, Melbourne.
151. — (189?) *Cassell's mental arithmetic and table book : for use in schools in Australasia : specially arranged to suit the purposes of instruction*, Cassel & Company, Melbourne.
152. COX, J. CHARLES (189?) *How to do business, or, the royal road to success including Rothschild's golden rules : also, how to remember facts, figures, poetry, prose, and telephone numbers : a short, easy, and wonderful system; and, how to do figures*, Ferguson V, 8789.
153. SCOTT, JOHN (189?) *The gambler's arithmetic : how to bet and bet*, E.T & J. Radcliffe, Printers, Sydney.
154. — (189?) *The Australian calculator how to become quick at figures : comprising the shortest, quickest and best methods of business calculations simple and easy rules*, E.J. Larby, London. — (1892) *How to become quick at figures : comprising the shortest, quickest and best methods of business calculation, useful tables, etc., also amusing arithmetic ...*, Waratah Press, Melbourne. — (1896?) *How to become quick at figures : comprising the shortest, quickest and best rules published*, John Scott, Sydney.
155. — (1899) *The puzzle king*, H.J. Diddams, Brisbane. ['Amusing arithmetic, ...', according to Trove.]
156. TREGARTHEN, GREVILLE (1890) *New South Wales, 1860 to 1889 : a statistical sketch*, Sydney.
157. CAINE, MARY E. (1890) *Mathematical geography, extracts from a teacher's note-book*, Ferguson V, 7758 and Gympie Newspaper, Queensland.
158. BORTHWICK, THOMAS (1891) *A contribution to the demography of South Australia*, Bailliere, Tindall and Cox, London. ['Being the thesis presented to the University of Edinburgh for the degree of M.D., and deemed worthy of competing for the gold medal', from the catalogue.]
159. ^{CAI} KNIBBS, GEORGE HANDLEY (1891) *Prize essay on the nature and public utility of trigonometrical, general and cadastral survey*, Ferguson VI, 11219.
160. MAKINS, EDWARD (1891) *Determinate & indeterminate right-angled triangles, sums of cubes & squares, interest examples*, Hall & Sons, Geelong.

161. SMITH, THOMAS (1891) *Arithmetical tables for junior scholars ...*, H. Hely, Sydney.
162. TEBBUTT, JOHN (1891) *Results of meteorological observations made at the private observatory of John Tebbutt, The Peninsula, Windsor, N.S.W. in the years 1886, 1887, 1888, 1889 & 1890*, Sydney.
163. — (1893) *On the probability of extraordinarily high spring-tides about the December solstice of 1893* (Transactions of the Royal Society of New South Wales), Sydney.
164. TISDALL, HENRY THOMAS (1891) *Answers arithmetic questions : State school examination papers, year 1890*, Mills & Co., Melbourne. [‘Can only be obtained by Teachers in person at ... by letter from Henry Thos. Tisdall...’, from the catalogue.]
165. WILLOUGHBY, HOWARD (1891) *Australian federation, its aims and its possibilities : with a digest of the proposed constitution, official statistics, and a review of the National Convention*, Sands & McDougall, Melbourne.
166. ^{CAI} BRAGG, WILLIAM HENRY (1892) *Address by the President, W.H. Bragg, M.A. Section A, Astronomy, mathematics, physics, and mechanics*, Australian Association for the Advancement of Science, Hobart.
167. ^{CAI} FLEURI, GASTON (1892) *On certain geometrical operations, Part 1*, Royal Society of New South Wales, Sydney.
168. ^{CAI} JOHNSTON, ROBERT MACKENZIE (1892) *Australasian statistics for year 1891, with introductory observations. Compiled from returns furnished by the Governments of the various colonies*, Ferguson VI, 10969a.
169. NESBIT, EDWARD PARIS (1892?) *On chance, lots and lottery*, Ferguson VI, 13134.
170. GILL, HARRY PELLING (1893) *Practical plane geometry. An elementary course of instruction for the art student, designer, mechanic, and artizan [sic]*, Ferguson V, 9917. — (1900) [The same, second edition.] Ferguson V, 9919. — (1927) [Similar, adapted as *Practical plane and solid geometry*.] Education Department, South Australia.
171. HUXTABLE, L. RALSTON (1893) *Snake-bite, recent statistics and a review of recent observations*, Ferguson VI, 10723a.
172. MacCLARDY, J. D. St. CLAIR (1893) *MacClardy’s mathematical solutions : solution to the mathematical papers set at pupil teachers’ examinations, 1890 to 1892. Part I, Pupil teachers*, McCredie and Philip, Sydney.
173. — (1901) *The elements of Euclid : book I*, Angus & Robertson, Sydney. [Also, ... books V – VI.]
174. ^{CAI} McAULAY, ALEXANDER (1893) *Utility of quaternions in physics*, MacMillan & Co., London.
175. — (1898) *Octonions, a development of Clifford’s bi-quaternions*, Cambridge.
176. TABLES (1893) *Tables of interest ... : for use specially in connection with accounts under the Crown Lands Acts, and for general purposes*, New South Wales Department of Lands, Sydney.
177. ANGUS & ROBERTSON (1894?) *Angus and Robertson’s table book and mental arithmetic for the use of pupils in public schools / compiled by a public school teacher*, Angus & Robertson, Sydney. — (1910) *Angus and Robertson’s new Australian table book and mental arithmetic*, Angus & Robertson, Sydney.

178. — (1899?) *Angus & Robertson's geography. Part II, Europe, Asia, Africa and America : with definitions in mathematical geography; for use in Australian schools*, Angus & Robertson, Sydney.
179. EXAMINATION PAPERS (1894) *Examination papers in arithmetic, 1893 : class III*, Education Dept., South Australia.
180. HARRIS, CHARLES HOPE (1894) *Limits of error in surveying*, South Australian Institute of Surveyors, Adelaide.
181. MILLER, DAVID (1894) *A handbook of the volumes and mean areas of tanks, &c. : whether prismoidal or circular, spheres, zones and solid rings, &c*, Walker, May & Co., Melbourne.
182. AUSTRALASIAN STATISTICS (1895) *Statistics of the seven colonies of Australasia, 1891 to 1894 / compiled in the office of the Government Statistician of New South Wales*, Government Printer, Sydney
183. MORRISON, SAMUEL (1895) *The New South Wales public school arithmetic for third class*, George Robertson, Sydney.
184. NEWMAN, GEORGE GOUGH (1895) *Preliminary arithmetic*, Vardon and Pritchard, Printers, Adelaide.
185. SCOTT, Professor (1895) *The doctrine of chance : investment, speculation and gambling : horseracing, how to make a book, betting systems, Chinese lotteries, sweeps and consultations, the gambler's dictionary, problems and peculiarities in probabilities, games of chance, &c, &c*, McCarron, Stewart & Co., Sydney. [Perhaps this is John Scott, items 153 – 155.]
186. SUTHERLAND, JOHN (1895) *The substance of the first three books of Euclid with remarks, exercises and deductions*, Ferguson VII, 16469. — (1901) *The substance of the first book ...*, Melville & Mullen, Melbourne.
187. McDONNELL, AENEAS J. (1896) *The statistics and distribution of hydatid disease in the Australian colonies*, Stone, Toowoomba, Queensland.
188. HARPER, WALTER R. (1897) *Simple anthropometrical measurements*, Ferguson VI, 10253.
189. — (No year) *Notes on the measurements of the Tasmanian crania in the Tasmanian Museum*, Ferguson VI, 10253b.
190. RIX, HENRY FINCH (1897) *The pictorial method of teaching the first steps in arithmetic (advanced kindergarten)*, G. Robertson, Melbourne.
191. STATISTICAL TABLES (1897) *Statistical tables bearing on the question of federation / compiled in the office of the Government Statist of Victoria*, Government Printer, Melbourne. [Also, *Further statistical tables ...*]
192. SOUTH AUSTRALIA. EDUCATION DEPT. (1897) *Examination papers in arithmetic, 1896. Class II*, Education Department, Adelaide. [Many versions.]
193. GRIMM, GEORGE ADOLPH (1898) *Grimm's universal rapid reckoner. Handbook containing short and easy arithmetical methods of necessity for business, tradesmen, farmers, etc.*, Ferguson V, 10129.
194. SOUTH AUSTRALIA. EDUCATION DEPARTMENT (1899) *Arithmetic and geometry for pupil teachers*, Education Dept., Adelaide.
195. BENNETT, W. (1899) *Mental arithmetic containing 2800 questions arranged for all classes*, E.S. Wigg & Son, Adelaide, Perth.

196. FORSYTH, ARCHIBALD (c.1899) *The statistics of the imports and exports of New South Wales*, Ferguson V, 9695c.
197. TECHNICAL SCHOOLS (1899) *Statistics, technical schools of Victoria*, Royal Commission on Technical Education, Government Printer, Melbourne.
198. ASHWORTH, T. R. and ASHWORTH, H. C. (1900) *Proportional representation applied to party government, A new electoral system*, Ferguson V, 6150.
199. COLYER, M. J. G. (1900) *The Calculigraph. A description of this new calculating instrument and its use. With notes on the basis and evolution of such instruments*, Ferguson V, 8536a.
200. POSTMASTER-GENERAL'S DEPT. (1900) *Practical mathematics / Chief Engineer's Branch*, Postmaster-General's Dept., Melbourne.

List 2—Alphabetical by Author List of Publications from 1901 to 1960 (Excluding Theses and Most School Books)

201. ABBOTT, WILLIAM EDWARD (1913) *The rabbit pest and the balance of nature : an experiment and a mathematical analysis*, Angus & Robertson, Sydney.
202. ADCOCK, C. J. (1954) *Factorial analysis for non-mathematicians*, Melbourne University Press, Melbourne.
203. ^{CAI} AITKIN, ALEXANDER GEORGE (1946 – 1947) *Modern arithmetic, pt. I for first year classes*, Canberra. — (1951) *Modern arithmetic. Part II for second year classes*, Armidale. [Later editions with B. N. Farlow.]
204. — and FARLOW, B. N. (1942) *Mental practice exercises in algebra for first year classes in secondary schools*, Reg. C. Pogonoski, Newcastle, N.S.W.
205. — (1946) *First steps in co-ordinate geometry*, Davies & Cannington, Newcastle, N.S.W.
206. — (1949) *First steps in geometry : a complete course for first-year classes in secondary schools*, Davies & Cannington, Newcastle, N.S.W.
207. — (1956) *General mathematics : arithmetic : for first, second and third year classes*, Davies & Cannington, Newcastle, N.S.W.
208. ALLAN, ROBERT MARSHALL (1928) *Report on maternal mortality and morbidity in the state of Victoria, Australia*, Melbourne.
209. ALLEN, HARRY B. (1902) *Statistics concerning cancer in Australasia*, Government Printer, Tasmania.
210. ANDERSON, HENRY CHARLES LENNOX (1907): *Statistics : six states of Australia and New Zealand, 1861 to 1905 : compiled from official sources*, Government Printer, Sydney.
211. ^{CAI} ATKINSON, FREDERICK VALENTINE (1956) *Frontiers of pure mathematics : inaugural lecture delivered at the Canberra University College on 19th July, 1956*, Canberra University College, Canberra.
212. ^{CAI} BAILEY, VICTOR ALBERT (1959) *Multiplication and the taking of square and cube roots*, Commonwealth Experimental Building Station, North Ryde, N.S.W.
213. BANA, JOHN (19??) *Mental arithmetic, stage 6*, Sutherland Education Support Centre, Dianella, Western Australia. [In braille.]
214. ^{CAI} BARNARD, MILDRED MACFARLAN (1939) *Elementary statistics for timber research workers* (mimeographed), Division of Forest Products, Council for Scientific and Industrial Research, Melbourne.⁸ — and DITCHBURNE, NEIL (1956) *Elementary statistics for use in timber research*.
215. ^{CAI} BARNARD, ROBERT JAMES ALLMAN (1916) *Elementary dynamics of the particle & rigid body*, Macmillan, London. [2nd edition ('and' in place of '&'), 1932.] [3rd edition, 1940.]
216. — (1929) *Algebra for the leaving certificate*, Macmillan, Melbourne.
217. — (1939) *Elementary statics of two and three dimensions*, Macmillan, London.
218. BARRACLOUGH, HENRY (1921) *Abridged mathematical tables : arranged primarily for the use of students of the University of Sydney : Parts 1 and 2*, Angus &

⁸ See Field, Speed, Speed and Williams (1988).

- Robertson Ltd, Sydney. — (1934) *Abridged mathematical tables : arranged primarily for the use of university students and of candidates for the matriculation and public examinations, parts I and II*, Angus & Robertson, Sydney. [Also, 1945, 1951, 1960.] — (1944) *Abridged mathematical tables*, Angus & Robertson Ltd, Sydney.
219. ^{CAI}BATCHELOR, GEORGE KEITH (1942) *Interference in a wind-tunnel of octagonal section*, Council for Industrial and Scientific Research, Melbourne.
220. — (1953) *The theory of homogeneous turbulence*, Cambridge University Press, London.
221. BATES, DAISY (1907) *Efforts made by Western Australia towards the betterment of her aborigines / compiled from statistics, records, etc.*, Government Printer, Perth.
222. BEAN, E. E. (1925?) *Test cricket in England and Australia 1877 – 1921 : records, statistics and averages, with notes on Victorian cricket*, Victorian Cricket Association? Melbourne?
223. BENNETT, JOHN HENRY (1950) *A mathematical study of random mating in autotetraploids*, University of Melbourne, Melbourne.
224. BERRY, RICHARD JAMES ARTHUR and BÜCHNER, L. W. G. (1913) *The correlation of size of head and intelligence : as estimated from the cubic capacity of brain of 33 Melbourne criminals hanged for murder*, Royal Society of Victoria, Melbourne.
225. BERTILLON, JACQUES (1907) *The nomenclature of diseases and causes of death / as revised and adopted in 1900 by the International Commission and published by Jacques Bertillon, together with a guide for tabulation in cases where more than one cause of death is assigned ...*, Commonwealth Bureau of Census and Statistics, Government Printer, Melbourne.
226. BIRTWHISTLE, R. (1955) *The Hyper-Graeco-Latin square*, C.S.I.R.O., Melbourne.
227. BLACK, EUSTACE COUPER *Notebooks of Professor Bragg's physics lectures*, Lectures by William Henry Bragg, attended by Eustace Black for first year Physics in 1906. [See more in Trove.]
228. ^{CAI}BONOLA, ROBERTO (1912) *Non-Euclidean geometry : a critical and historical study of its development; translated by* ^{CAI}H. S. CARSLAW, Open Court, Chicago. — (1955) ... *Authorized English translation with additional appendices by H. S. Carslaw : with an introd. by Federigo Enriques : with a suppl. containing the George Bruce Halsted translations of The science of absolute space, by John Bolyai [and] The theory of parallels, by Nicholas Lobachevski*, Dover Publications, New York.
229. BRAY, CHRISTOPHER (1924) *Method of teaching simple and compound subtraction and simple multiplication : following the natural order of thought by working from the higher to lower denomination*, Public School, North Adelaide.
230. BRIDGEN, JAMES BRISTOCK (1931) *P.P.: on purchasing power and the pound Australian : an outline of the meaning of purchasing power, together with a summary of the present economic position of Australia, with brief statistical notes*, Government Printer, Brisbane.
231. BROOKES, B. C. (1952) *Notes on the teaching of statistics in schools*, Melbourne.
232. ^{CAI}BROWN, FREDERICK GEORGE (1940) *Mathematics for airmen : an introduction to air navigation and air work in general*, Angus & Robertson, Sydney.
233. — (1947) *Everyman's mathematics*, Angus & Robertson, Sydney.
234. BROWN, STANLEY G. (1952) *A concise trigonometry*, U.Q.P., Brisbane.

235. ^{CAI} BULLEN, KEITH EDWARD (1937) *The ellipticity correction to travel-times of P and S earthquake waves : a suggested new 'seismological' latitude*, University College, Auckland.
236. — (1947) *An introduction to the theory of seismology*, Cambridge University Press, Cambridge. [2nd edition, 1953. (3rd edition, 1963.)] — (1954) *Seismology*, Methuen, London.
237. — (1948) *An introduction to the theory of dynamics*, Science Press, Sydney.
238. — (1949) *An introduction to the theory of mechanics*, Science Press, Sydney. [2nd edition, 1951; 3rd edition, 1956; 4th edition, 1958. (8th edition, 1971.)]
239. — (1954) *The scientific approach : learning from experience*, 'Reprinted from Melbourne graduate'.
240. — (1956) *The spirit of applied mathematics*, Address to the inaugural meeting of the Australian Mathematical Society, 17 August 1956. [Then published in *Austral. Math. Teacher* (1957) **13**, 25 – 33, and reproduced in *Counting Australia In*, pages 358 – 367.]⁹
241. — (1955) *The interior of the earth*, Reprinted from *Scientific American*. — (1957) [Same title.] Chapter in *The planet Earth*, Simon & Schuster, New York.
242. — (1957) *The deep interior*, Chapter 3 of *Our planet Earth* (D. R. Bates, editor), Pergamon Press, Oxford.
243. BUREAU OF AGRICULTURAL ECONOMICS (1959) *Activity analysis : linear programming : a bibliography*, BAE, Canberra.
244. BURSTON, JOHN J. (1909) *Factors of numbers and how to find them : for merit and scholarship candidates and other students*, Whitcombe & Tombs, Melbourne.
245. CALDWELL, AGNES E. (1922) *The simplicity of number : being a new, rational, simple and effective system of teaching the principles of elementary number*, Bookman Press, Sydney.
246. CAMPBELL, H. M. (1939?) *Mathematics in the secondary school / Australian Council for Educational Research*, Melbourne University Press, Melbourne.
247. CAMPBELL, REGINALD HARRY (1935) *Some statistics concerning cricket casualties : (showing batsmen struck by bowlers in test matches between England and Australia)*, Australian Broadcasting Commission, Sydney?
248. CARROLL (19??) *Penny table book*. Carroll's, Perth.
249. ^{CAI} CARSLAW, HORATIO SCOTT (1904) *An introduction to the infinitesimal calculus : notes for the use of students in the University of Sydney*, Angus & Robertson, Sydney. — (1905) [Similar, ... *notes for the use of science and engineering students*.] Angus & Robertson, Sydney. [Later editions 1912, 1924, 1935, 1943, 1947.]
250. — (1906) *Introduction to the theory of Fourier's series and integrals and the mathematical theory of the conduction of heat*, Macmillan and Co., London. [The second edition was split into two volumes. See items 260, 261.]
251. — (1909) *Plane trigonometry : an elementary textbook for the higher classes of secondary schools and for colleges*, Macmillan and Co. Ltd, London. [2nd edition,

⁹ This and the following two items include information from Jeffreys (1977).

- 1915; 3rd edition 1949.] — (1930) *Solutions of the questions in plane trigonometry (or Key to Carslaw's plane trigonometry)*. Macmillan, London.
252. — (1913?) *Sydney University and the 'University (Amendment) Act 1912'*, Ford & Son, Carlton, New South Wales.
253. — (1913) *The relation between pure and applied mathematics*, Government Printer, Melbourne. [Reprinted from a Report of the Australasian Association for the Advancement of Science.]
254. — (1914) *The discovery of logarithms by Napier of Merchiston*, Royal Society of New South Wales, Sydney.
255. — (1914) *The teaching of mathematics in Australia : report presented to the International Commission on the Teaching of Mathematics*, Angus & Robertson, Sydney. [There is an eight-page summary in *Counting Australia In*, pages 350 – 357.]
256. — (1916) *Easy numerical trigonometry of the right-angled triangle*, Angus & Robertson, Sydney. — (1934) *Easy numerical trigonometry* [Third edition of the former.] — (1939) [Fifth edition.]
257. — (1916) *The elements of non-Euclidean plane geometry and trigonometry*, Longmans, Green, London. — (1960) *Non-Euclidean plane geometry and trigonometry*, in W.W.R. Ball, *String figures and other monographs*, Chelsea, New York.
258. — (1918) *A simple progressive tax : and its bearing on the Federal income tax and other acts*, Royal Society of New South Wales, Sydney.
259. — (192?) *Federal income tax : straightening its curves*, Australia. — (1931) *The Federal income tax acts : 1915 – 1931*, Melbourne University Press, Melbourne. — (1941) *Federal and state income tax*, Melbourne University Press, Melbourne. — (1942) *The uniform income tax in Australia*, Melbourne University Press, Melbourne.
260. — (1921) *Introduction to the mathematical theory of the conduction of heat in solids* (second edition), Macmillan, London.
261. — (1921) *Introduction to the theory of Fourier's series and integrals* (second edition), Macmillan, London.
262. — (1947) *The Australian social services contribution and income tax acts, 1946*, Melbourne University Press, Melbourne. — (1948) [Similar, ... 1947.] Melbourne University Press, Melbourne.
263. — and ^{CAI}JAEGER, JOHN CONRAD (1941) *Operational methods in applied mathematics*, Oxford University Press, London.
264. — (1947) *Conduction of heat in solids*, Clarendon Press, Oxford. [2nd edition, 1959.]
265. ^{CAI}CARVER, STANLEY ROY (1947) *Census of the Commonwealth of Australia, 30th June 1947*, Commonwealth Statistician, Canberra.
266. CHARD, JOHN PATIENCE (1928) *A first course in algebra. Part I*, Cornstalk Publishing, Sydney.
267. ^{CAI}CHERRY, THOMAS MACFARLAND (1929) *Course of study, Mathematics III (Honours) : Calculus*, Melbourne University Press, Melbourne.
268. — (1930) *Mixed mathematics part II (pass) : lecture notes issued with the authority of the lecturer*, Melbourne University Press, Melbourne.
269. — (1930) *Secondary school education in Victoria : report on the A and B class system of the University of Melbourne*, Melbourne University Press, Melbourne.

270. — (1937) *Newton's Principia in 1687 and 1937 : a lecture given to commemorate the two hundred and fiftieth anniversary of the publication of Newton's Philosophiæ naturalis principia mathematica*, Melbourne University Press, Melbourne, and Oxford Press.
271. — and RYLAH, MARGARET (1937) *A report on the first year performances of entrants for full degree courses in arts, science, laws, medicine, engineering, agriculture and commerce in the years 1929 – 1936 : a statistical investigation ...*, University of Melbourne, Melbourne.
272. CLARKE, ALEXANDER ROSS¹⁰ (1942) *Tables for the computation of geographic positions and rectangular co-ordinates (transverse Mercator projection)*, A.H.Q. Survey Coy., Australian Military Forces, Melbourne.
273. ^{CAI} COGHLAN, TIMOTHY AUGUSTINE (1901) *Statistics : six states of Australia and New Zealand, 1861 to 1900*, Government Printer, Sydney.
274. — (1902) *A statistical account of the seven colonies of Australasia*, Government Printer, Sydney.
275. — (1903) *The decline in the birth-rate of New South Wales and other phenomena of child-birth : an essay in statistics*, Government Printer, Sydney.
276. — (1904) *A statistical account of Australia and New Zealand*, Government Printer, Sydney.
277. — (1904) *Results of a census of New South Wales taken for the night of the 31st March, 1901*, Government Printer, Sydney.
278. COLLENS, WILLIAM JOHN FRANCIS (1941?) *Banks create nothing : the monetary system is merely applied mathematics*, W.J.F. Collens. Melbourne.
279. COLVILLE, ANDREW B. and ANDERSON, PERCIVAL N. W. (1933) *A numerical trigonometry*, Dymocks Book Arcade, Sydney. [Four later editions (1943, 1946, 1949, 1953) have the surname 'Andersen', according to Trove.]
280. COMMONWEALTH BUREAU OF CENSUS AND STATISTICS (1905) *Statistical register (vital statistics) for the year 1904*, Sydney.
281. — (1906?) *Unification of Australasian statistical methods and co-ordination of the work of the Commonwealth and State Bureaux / Conference of Statisticians of the Commonwealth and States of Australasia and Colony of New Zealand, Melbourne, November and December, 1906*, Government Printer, Melbourne.
282. — (1907) *Determination of the population of Australia for each quarter from 31st December 1900 to 31st December 1906*, CBCS, Melbourne.
283. — (1910) *Nomenclature of diseases, statistics of morbidity, statistics of causes of death / agreed upon by the International Commission ... 1909*, Government Printer, Sydney.
284. — (1938) *Trends in women's work*, CBCS. ['Paper presented by Dr. A. Smithies at the First interstate Conference of the Council of Action for Equal Pay ...', from Trove.]
285. — (1948 – 1949) *Census of the Commonwealth of Australia, 30th June, 1947 : regional tables*, Government Printer, Sydney.
286. COMMONWEALTH BUREAU OF METEOROLOGY (1929) *Results of rainfall observations made in Western Australia : Including all available annual rainfall*

¹⁰ Clarke (1828 – 1914) was a noted British geodesist.

- totals from 1374 stations for all years of record up to 1927, with maps and diagrams; and record of notable meteorological events; also appendices, presenting monthly and yearly meteorological elements of Perth, Broome and Kalgoorlie*, H.J. Green, Melbourne.
287. CONFERENCE OF STATISTICIANS OF THE STATES OF AUSTRALIA (1912) *Proceedings, March 1912*, Government Printer, Sydney.
288. ^{CAI}CORBEN, HERBERT CHARLES and STEHLE, PHILIP (1950) *Classical mechanics*, Wiley, New York. [2nd edition, 1960.]
289. ^{CAI}CORNISH, EDMUND ALFRED (1943) *The recovery of inter-block information in quasi-factorial designs with incomplete data*, H.E. Daw, Government Printer, Melbourne.
290. — and ^{CAI}JAMES, ALAN TRELEVAN (1945 – 1946) *Lectures on mathematical statistics*, University of Adelaide, Adelaide. [Catalogue notes: ‘...These copies of Cornish’s original lecture notes were made at his request for Alan James, his successor to the Chair at Adelaide, who as a post-graduate student was asked to deliver them in 1946; and include some additional sections by James on regression and analysis of variance.’]
291. COTTEE, ALEXANDER J. (1912) *‘Invicta’ calculating book [Calculations made by W.E.R. Lloyd]*, Sands & McDougall, Melbourne.
292. CUNNINGHAM, KENNETH STEWART and PRICE, W. T. (1934) *The standardization of an Australian arithmetic test*, Melbourne University Press, Melbourne.
293. DEAN, WILLIAM RUPERT and JOLLY, H. (1933) *Perspective (theory and practice of linear, freehand and architectural perspective and the projection of shadows) and geometrical drawing (practical plane and solid geometry, isometric projection and development) ...*, Oxford University Press, Melbourne.
294. DENCH, GEORGE EDWARD (1904) *Commercial arithmetic*, Angus and Robertson, Sydney, Melbourne.
295. DILLON, J. A. (1930) *Statistics and their application to business*, Commonwealth Institute of Accountants, Melbourne.
296. DONNELLY, FREDERICK TREVILLIAN (1947) *The Australian activity arithmetic*, Angus & Robertson, Sydney.
297. DULOY, J. H. (1959) *Resource allocation and a fitted production function*, University of Sydney, Sydney.
298. DWYER, E. J. (1944?) *E. J. Dwyer’s new table book*, Sydney.
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¹¹ The book is the 16-page *Report (University of Melbourne, Department of Statistics)*; no. 1, 1978. The name of Peter Hall (1951 – 2016) is given, in brackets as here, as the author in the University of Melbourne Library catalogue. It is stated there as published in 1948. That is presumably a misprint, and the item most likely does not belong in this bibliography.

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¹² A referee asserts that '[n]either the author nor the content has anything to do with Australia.' This is appreciated. How the book came to be published in Australia is not known.

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¹⁵ Worth a mention, although Miles did not come to the Australian National University until a few years later.

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¹⁶ See *Physics in Australia to 1945*,

<http://www.asap.unimelb.edu.au/bsparcs/physics/P001784p.htm>. Priestley was the foundation Professor of Mathematics and Physics at the University of Queensland and his story is given in *Counting Australia In*. I was not aware at the time that a grandson, William Gordon McCallum, is also a noted mathematician. Bill was born in Sydney in 1956 and received his first degree from the University of New South Wales. He has a PhD from Harvard University and from 2006 to 2018 was University Distinguished Professor of Mathematics at the University of Arizona, in Tucson. His areas of research are arithmetic algebraic geometry and mathematics education.

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¹⁷ See also Delalande (1929).

¹⁸ Sir Fred Schonell (1900 – 1969), an educationist, was born in Perth. He went to London for higher studies in 1928 and was appointed professor of education at the University College of Swansea, University of Wales, in 1942. He was appointed foundation professor of education at the University of Queensland in 1950 and vice-chancellor in 1960.

¹⁹ There were also later editions of most of these books by Searle and Jones. ‘Not surprisingly, such books tended to have a near monopoly of use in schools, especially government schools.’ Truran (2001).

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475. SHAW, FREDERICK STANLEY (1946) *Relaxation methods in the solution of engineering problems : a course of six lectures ...*, University of Melbourne, Melbourne.
476. ^{CAI} SHEPPARD, WILLIAM FLEETWOOD (1923) *From determinant to tensor*, Clarendon Press, Oxford.
477. — (1939) *The probability integral*, The British Association at the University Press, Cambridge.
478. SIMM, BRUCE ALEXANDER (194?) *Slide rule manual : a text book for use with standard types of slide rule*, Melbourne? — (195?) [Similar, ... with standard types of slide rules.] Melbourne?
479. ^{CAI} SIMONDS, EUGENE FRANCIS (1919) *Invariants of differential configurations in the plane*, New Era Press, Lancaster, Pennsylvania.
480. — (1940) *Affine differential invariants of two analytic arcs*, University of Queensland, Department of Mathematics, Brisbane.
481. — (1940) *Affine transformation theory of the cuspidal cubics*, University of Queensland Press, Brisbane.
482. — and ^{CAI} McCARTHY, JAMES PATRICK (1940) *Projective differential invariants of two curves*, University of Queensland, Department of Mathematics, Brisbane.
483. SMITH, HANNINGTON (1907) *Text-book of right-angled trigonometry : proved by Mr. R. Ballard to be used at the time of building the Gizeh group of Pyramids of Egypt, supposed date of foundation, 2170 B.C.*, Crocker, Inglis & Kent, Federal Press, Rockhampton, Queensland.
484. SMITH, HUGH THOMAS (1948) *A modern rural school arithmetic*, Whitcombe & Tombs, Melbourne.
485. SOLLITT, A. de B. (1942) *Simplified mathematics for gunners*, Mingay Publishing, Sydney.
486. ^{CAI} SPRENT, PETER (1957) *A research register of Australian mathematicians / compiled and edited for the Australian Mathematical Society, July, 1957*, University of Tasmania, Hobart. [Also, a revised edition to September 1957.]
487. STATISTICAL SOCIETY OF NEW SOUTH WALES (1957) *Symposium on operations research : papers*, Statistical Society of New South Wales, Sydney.
488. — (1960?) *Papers* [Symposium on statistics in industrial management, Sydney, 1960], Statistical Society of New South Wales, Sydney. — (1960) *Symposium on statistical methods in industry*, New South Wales Branch of the Statistical Society of Australia, University of Sydney, Sydney.
489. ^{CAI} STONE, WILLIAM (1922) *The mechanism of lubrication : a popular explanation of the principles of lubrication as developed mathematically by Reynolds and Michell, and employed by the latter in the design of the well-known Michell thrust and journal bearings*, Industrial Australian and Mining Standard, Melbourne.
490. STRANGER, RALPH (1935) *The mathematics of wireless*, George Newnes Ltd, Sydney. [Many later editions.] — (1935) *The mathematics of wireless for beginners*, George Newnes Ltd, Sydney.
491. SUTHERLAND, J. (1915) *Statics : a simple course*, A. McKinley & Co., Melbourne.
492. SWINBOURNE, ELLICE SIMMONS (1960) *Mathematical chemistry 1 (2.72) / notes ...*, Univ. of N.S.W. Students' Union, Sydney.

493. SYDNEY TECHNICAL COLLEGE (1942 – 1962) *Printers' arithmetic*. Dept. of Technical Education, Sydney. — (1947 – 1951) *Course of instruction in printers' English and arithmetic*, Dept. of Technical Education, Sydney.
494. TAYLOR, JOHN MICHAEL (1902) *Solutions of first, second and third class teachers' arithmetic papers : 1894 – 1901*, Angus and Robertson, Melbourne.
495. THEODORE, EDWARD GRANVILLE (1928) *Labor's campaign manual, 1928 : a compendium of useful statistics, tabulated statements, comparisons, and other data, relating to matters of current political interest*, Australian Labor party, Sydney.
496. THOMPSON, ROBERT ALFRED (1932?) *Three Christian scientists : 1. Michael Faraday, 2. James Clerk Maxwell, 3. William Thomson, Baron Kelvin of Largs*, Camden College, Sydney.
497. ^{CAI}TOWNSEND, ALBERT ALAN (1956) *The structure of turbulent shear flow*, University Press, Cambridge.
498. TRIVETT, JOHN BURT (1908) *New South Wales, growth during 25 years : comparative view*, Government of New South Wales, Sydney.
499. — (1909) *Agricultural and live stock statistics of New South Wales, year ended March, 1909 : preliminary tables*, Government Printer, Sydney.
500. — (1909) *Tuberculosis in New South Wales : a statistical analysis of the mortality from tubercular diseases during the last thirty-three years*, Bureau of Statistics, Sydney.
501. — (1910) *New South Wales Friendly Societies' experience, 1900 – 1908 : rates of mortality, sickness and secession; deduced tables relating to life and sickness contingencies*, Government of New South Wales, Sydney.
502. TURNER, DESMOND WESLEY (1955) *Turner's four-figure mathematical tables*, F.W. Cheshire, Melbourne.
503. ^{CAI}TURNER, IVAN STEWART (1952) *Your arithmetic book : stories about its names and symbols*, Angus and Robertson, Sydney.
504. — (1953?) *The first hundred years of mathematics in the University of Sydney*, The author, Sydney.
505. UNIVERSITY OF SYDNEY (1916) *Reprints of papers from the Science Laboratories / Departments of Mathematics; Physics; Chemistry; Agriculture and Engineering*, Sydney.
506. — (1934) *Sydney University reprints. Series 11, Physics, mathematics and astronomy* (Vol. 1), The University, Sydney. — (1938) [Same, Vol. 2.] ['Reprints of papers from the science laboratories of the University of Sydney.']
507. — (1956) *Silliac programming : a guide to the preparation of problems for solution by the automatic digital computer in the Adolph Basser computing laboratory within the School of Physics of the University of Sydney*, University of Sydney Basser Computing Dept, Sydney.
508. VARGOVIC, CHRISTOPHER A. (1956) *A survey of structural changes in the Western Australian economy : a statistical interpretation*, University of Western Australia Press, Nedlands.
509. ^{CAI}WADDELL, WINIFRED and ^{CAI}PICKEN, DAVID KENNEDY (1919?) *A first trigonometry*, Melville & Mullen, Melbourne.

510. WALLACE, W. N. W. (editor) (1944) *Lectures on statistical methods of inspecting and controlling quality ...*, Ministry of Munitions, Melbourne.
511. WATSON, THOMAS GREENLEES (1906) *The First fifty years of responsible government in Victoria : the role of Parliament and some statistics of progress from 1856 to 1906*, J. Kemp, Melbourne.
512. WAUCHOPE, MAVIS L. (1940?) *Let's play with numbers*, Whitcombe Tombs, Melbourne.
513. WEAPONS RESEARCH ESTABLISHMENT (1957) *Data processing and automatic computing machines : proceedings of a conference held at Weapons Research Establishment, Salisbury, S.A., June 3rd – 8th, 1957*, Weapons Research Establishment, Salisbury, S. Aust.
514. ^{CAI} WEATHERBURN, CHARLES ERNEST (1916) *Vector integral equations and Gibbs' dyadics*, University Press, Cambridge.
515. — (1920) *On general relativity and gravitation*, Melbourne. [‘Reprinted from the *Melbourne University Magazine*, October 1920.’]
516. — (1920) *The spectrum of learning*, Melbourne? [‘Reprinted from *The Secondary Teacher*, November 1920.’]
517. — (1921) *Elementary vector analysis with application to geometry and physics*, Bell, London. — (1948) *Elementary vector analysis with application to geometry and mechanics*, Bell, London. [2nd edition, 1955; new and revised edition, 1959.]
518. — (1922) *Remarks on relativity*, Shipping Publishing Co., Melbourne. [‘Reprinted from *The Secondary Teacher* (Vic) for November 1922.’]
519. — (1924) *Advanced vector analysis with application to mathematical physics*, Bell, London. — (1944) *Advanced vector analysis*, Bell, London.
520. — (1927) *Differential geometry of three dimensions*, Vol. 1, Cambridge University Press, Cambridge. — (1929) ... Vol. 2, Cambridge University Press, Cambridge.
521. — (1938) *An introduction to Riemannian geometry and the tensor calculus*, Cambridge University Press, Cambridge.
522. — (1947) *A first course in mathematical statistics*, Cambridge University Press, Cambridge. [2nd edition, 1949.]
523. ^{CAI} WEILER, H. [J. HANS WEILER] (c.1950) *Notes on mathematical statistics* (3 volumes), N.S.W. Dept. of Technical Education, Sydney.
524. WHITTEN, WESLEY KINGSTON (1939?) *Veterinary application of statistics*, Sydney.
525. ^{CAI} WICKENS, CHARLES HENRY (1910) *Professional paper on census taking*, Commonwealth Bureau of Census and Statistics, Melbourne.
526. — (1911) *An extension of the principle underlying Woodhouse's method of graduation*, Commonwealth Bureau of Census and Statistics, Melbourne.
527. — (1913) *Professional papers on investigations concerning a law of infant morbidity*; LIGHTFOOT, GERALD: *Labour and industrial statistics*; BARFORD, FREDERICK WILLIAM: *A study in proportional representation*, Commonwealth Bureau of Census and Statistics, Melbourne.
528. — (1913) *Investigations concerning a law of infantile mortality*, Government Printer, Melbourne.

529. — (1927) *Census of the Commonwealth of Australia, taken for the night between the 3rd and 4th April, 1921*, Government Printer, Melbourne.
530. ^{CAI} WILLIAMS, EVAN JAMES (1954) *The estimation of components of variability*, C.S.I.R.O., Melbourne.
531. — (1959) *Regression analysis*, Wiley, New York.
532. — and KLOOT, NIGEL HENRY (1948) *A study of the variation of properties in short boards and its implication in experimental design*, CSIRO Forest Products Laboratory, South Melbourne.
533. WILSON, ROBERT (1932) *Selected examples in mechanics (Leaving Certificate standard) with answers*, Brown, Prior, Melbourne.
534. — (1934) *Intermediate certificate arithmetic, with answers*, Cheshire, Melbourne. [Nine later editions to 1942.]
535. — (1935) *Variation : an elementary and graphical treatment for sub-intermediate and intermediate forms with answers*, F.W. Cheshire, Melbourne.
536. — and ROSS, A. D.²⁰ — (1939) *The first two years' arithmetic, covering the work for the first two years of the four-year Intermediate Certificate course; with answers*, F.W. Cheshire, Melbourne. — (1943) *A sequel to the first two years' arithmetic : with answers*, F. W. Cheshire, Melbourne.
537. — (1943) *Introduction to statistics*, F.W. Cheshire, Melbourne. [‘Reprint of chapter 9 of the text book ‘Arithmetic’ by the same authors’, according to the title page (Trove).]
538. — (1949) *The first two years' algebra : (covering the work for the first two years of the four-year intermediate certificate course), with answers*, F.W. Cheshire, Melbourne. — (1949) *A sequel to the first two years' algebra*, F. W. Cheshire, Melbourne.
539. — (1951) *The first two years' arithmetic and algebra*, F.W. Cheshire, Melbourne.
540. — (1951) *The first two years' geometry*, Cheshire, Melbourne. — (1952) *A sequel to first two years' geometry*, Cheshire, Melbourne.
541. — (1951) *Geometry and trigonometry for the intermediate certificate*, F.W. Cheshire, Melbourne.
542. ^{CAI} WILSON, ROLAND (1936) *Census of the Commonwealth of Australia, 30th June, 1933*, Commonwealth Bureau of Census and Statistics, Canberra.
543. — (1945) *Occupation survey of the Commonwealth of Australia*, Government Printer, Canberra.
544. — (1948 – 1950) *Census of the Commonwealth of Australia, 30th June, 1947 : census bulletin, nos. 1 – 25*, Commonwealth Bureau of Census and Statistics, Canberra.
545. ^{CAI} WILTON, JOHN RAYMOND (1920) *Certain Diophantine problems*, Royal Society of South Australia, Adelaide.

²⁰ It is possible, but not likely, that this is ^{CAI} Alexander David Ross, Professor of Mathematics and Physics at the University of Western Australia from 1912 to 1929 (see items 456, 457). It is much more likely to be ‘Mr. A. D. Ross, B.A., a former student of Ormonde College [in the University of Melbourne]’ whom C. E. Weatherburn thanks, in the preface, for reading ‘the whole of the proofs’ of his *Advanced Vector Analysis*. Furthermore, this would be Alan Douglas Ross, a top student in mathematics in the university in the early 1920s.

546. — (1921) *Notes on the mathematical syllabus of the public examinations*, Hassell Press, Adelaide.
547. ^{CAI} WOOD, HARLEY (1946) *Nomograms for some astronomical calculations*, Royal Society of New South Wales, Sydney.
548. WRIGHT, H. J. (1940) *Statistics concerning United States of America and Australia*, Commonwealth Bureau of Census and Statistics.
549. YORSTON, ROBERT KEITH;²¹ SMYTH, EUGENE BRYAN and BROWN, SAMUEL RAYMOND (1959) *Statistics as applied to accounting data*, Law Book Co. of Australasia, Sydney.
550. ZUBRZYCKI, JERZY (1960) *Immigrants in Australia : a demographic survey based upon the 1954 census*, Melbourne University Press, Melbourne. — (1960) *Immigrants in Australia : statistical supplement*, Australian National University, Canberra.

²¹ Sir Keith Yorston was a noted educator in accountancy. ‘He wrote and co-authored dozens of textbooks on accounting, law and company practice.’ (*Australian Dictionary of Biography*)

List 3—Alphabetical by Author List of Theses Leading to the Award of a Higher Degree, to 1960

551. ABERDEEN, J. (1936) *A study of arithmetical principles through automatic number responses* (B.Ed.Inv. thesis), Melbourne Teachers' College.
552. ^{CAI} ADKINS, BRIAN LINDSAY (1959?) *The Monte Carlo method with particular reference to the solution of functional equations* (M.A. thesis), University of Melbourne.
553. ALEXANDER, LAURIE GEORGE (1939) *A thesis on the mathematical theory of the transmission of electromagnetic waves around the surface of the earth* (M.Sc. thesis), University of Melbourne.
554. ALLEN, C. H. (1936) *A brief survey of the theory of probability and the mathematics of statistics* (M.A. thesis), University of Queensland.
555. BAKER, HENRY KEITH (1958) *Some problems of the mathematical theory of elastic cylinders : the stability of an euler strut [and] the strength of initially strained cylinders* (M.A. thesis), University of Melbourne.
556. BASSETT, I. M. (1959) *Some approaches to the solution of the Schrödinger wave equation* (Ph.D. thesis), University of Melbourne.
557. ^{CAI} BATCHELOR, GEORGE KEITH (1941) *One practical investigation : Three theoretical investigations : A theoretical thesis* (M.Sc. thesis), University of Melbourne. [*'One practical investigation: Wind tunnel measurements of the hinge moments on bomb doors beneath an engine nacelle. Three theoretical investigations: Aerofoils suitable for high speeds; Interference in a wind tunnel of octagonal section; Sighting correction for a free gun. A theoretical thesis: Two-dimensional, subsonic flow of a compressible fluid.'* From the University of Melbourne Library catalogue entry.]
558. BENNETT, JOHN HENRY (1950) *A mathematical study of linkage in heredity* (M.A. thesis), University of Melbourne.
559. ^{CAI} BILLIGHEIMER, CLAUDE ELIAS (1959) *On some solutions of a non-linear partial differential equation of hyperbolic type* (M.A. thesis), University of Melbourne.
560. BILLINGTON, A. E. (1949) *Harmonic oscillations of a wing in subsonic flow* (M.Sc. thesis), University of Melbourne.
561. BLACKMAN, DEANE ROBERT (1960) *Three dimensional turbulent boundary layers* (M.Eng.Sc. thesis), University of Melbourne.
562. BLAZELY, LLOYD DAVID (1956) *The teaching of mathematics* (Dip.Ed. thesis), University of Tasmania.
563. ^{CAI} BOLT, BEVERLEY (1960) *Clifford groups and related geometry in spaces of 2, 4, 12 and 24 dimensions* (Ph.D. thesis), University of Sydney.
564. ^{CAI} BOLT, BRUCE ALAN (1959) *Some problems on the structure of the earth* (Ph.D. thesis), University of Sydney.
565. BREACH, DERRICK RODNEY (1960) *Aspects of axisymmetric viscous flow* (M.A. thesis), University of Melbourne.
566. ^{CAI} BREARLEY, MAURICE NORMAN (1958) *Complex variable analysis of steady viscous fluid motion and non-holonomic dynamical problem* (Ph.D. thesis), University of Adelaide.

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567. BROWN, GREGORY HERBERT (1949) *Decimal computation in industry in N.S.W. and its educational implications* (B.Ed.Inv. thesis), Melbourne Teachers' College.
568. ^{CAI}BURR, EDMUND JOHN (1954) *The sharpening of observational data in two dimensions* (M.Sc. thesis), University of Queensland.
569. BUTLER, MICHAEL CHARLES RICHARD²² (1952?) *A thesis on some aspects of irreducibility theory* (M.A. thesis), University of Melbourne.
570. — (1955) *A generalisation of the Galois theory of a binomial equation; and a published paper, On the reducibility of polynomials over finite fields* (Ph.D. thesis), University of Melbourne.
571. CALDWELL, ALVA H. A. (1937) *The arithmetic course in Victorian high schools* (B.Ed.Inv. thesis), Melbourne Teachers' College.
572. ^{CAI}CORBEN, HERBERT CHARLES (1934) *Four-dimensional projective geometry and its application to problems in three dimensions* (B.A.(Hons) thesis), University of Melbourne.
573. COURTNEY-PRATT [COATES], JOAN GLAZEBROOK (1938) *The intelligence of under-privileged children and the standard they reach in English and arithmetic* (B.Ed.Inv. thesis), Melbourne Teachers' College.
574. ^{CAI}CRAVEN, BRUCE DESMOND (1953) *Non-linear elements in electronic simulation : developments on the pondage simulator* (M.Sc. thesis), University of Melbourne.
575. DAS, SADHU CHARAN (1956) *Statistical distributions and their application* (M.A. thesis), Australian National University.
576. D'ASSUMPSCAO, HENRIQUE ANTONIO (1960) *Mathematical analysis of moving target indication systems* (M.Eng. thesis), University of Adelaide.
577. DERRICK, GRAHAM HOLBROOK (1960) *The ground state of H3, with summary* (Ph.D. thesis), University of Sydney.
578. DEWHURST, IRENE ELIZABETH (1939) *Psychology and relationships of the mathematical abilities* (B.Ed.Inv. thesis), Melbourne Teachers' College.
579. DIXON, JOHN D. (1959) *Properties of the cyclotomic polynomials with applications* (M.A. thesis), University of Melbourne.
580. ^{CAI}DOIG, ALISON GRANT (1958) *The elementary theory of linear programming and its application to the integral solution of an industrial problem* (M.A. thesis), University of Melbourne.
581. ^{CAI}DOUGLAS, JAMES BARTRAM (1952) *On the fitting of certain discrete distributions* (M.A. thesis), University of Melbourne.
582. ^{CAI}ELLIOTT, DAVID (1960) *Applications of Chebyshev polynomials in numerical analysis* (PhD thesis), University of Adelaide.
583. ^{CAI}EVANS, IAN ANDREWS (1948) *Some new proofs in statistical mathematics* (M.Sc. thesis), University of Queensland.
584. FITZPATRICK, EUGENE A. (1952) *Probability analysis of rainfall factors in drought in New South Wales* (M.A. thesis), University of Sydney. — (1953) [The

²² Butler (1929 – 2012) was lecturer, senior lecturer and then reader in pure mathematics at the University of Liverpool, England, from 1957 to 1996. Butler groups, which he introduced in 1965, are named for him.

- same.] Rural Bank of New South Wales in cooperation with N.S.W. Dept. of Lands, Sydney.
585. ^{CAI} FREIBERGER, WALTER F. (1949) *Elasticity, buckling* (M.A. thesis), University of Melbourne. ['Unbound, with covering note, secured by an elastic band,' from Trove.]
586. ^{CAI} GAMBLIN, FRANK (1946) *Some aspects of mathematical probability* (M.Sc. thesis), University of Western Australia.
587. ^{CAI} GANI, JOSEPH MARK (1955) *Some problems in the theory and applications of Markov chains* (Ph.D. thesis), Australian National University.
588. ^{CAI} GENT, BETTY LOVELL (1943) *The theory of the flow past an airfoil* (M.A. thesis), University of Melbourne.
589. GERNY, JOHN SEAVINGTON (1936) *Rigid structures graphically analysed*, University of Adelaide. [Thesis for the Angas Engineering Scholarship.]
590. GILLINGS, RICHARD JOHN (1951) *The case for inclusion of the history of mathematics in mathematical curricula at the primary, secondary and tertiary levels* (M.Ed. thesis), University of Sydney.
591. GOULD, BERNARD WILLIAM (1959) *Application of statistical methods to estimation of dam storage : with reference to sampling errors* (M.E. thesis), University of New South Wales.
592. GRIFFITHS, FREDERICK GUY (1948) [Part 1]. *Zeno's four paradoxes on motion [and] continuity of space and of time.* [Part 2]. *Life and works of Isaac Newton, mathematician, physicist, astronomer* (M.A. thesis), University of Sydney.
593. GUEST, PHILIP GEORGE (1953) *The fitting of polynomials to physical data* (Ph.D. thesis), University of Sydney.
594. ^{CAI} HAMBLIN, CHARLES LEONARD (1950) *Probability and prediction* (Ph.D. thesis), University of Melbourne.
595. ^{CAI} HANNAN, EDWARD JAMES (1955) *The theory and application of stochastic processes* (Ph.D. thesis), Australian National University.
596. ^{CAI} HARTIGAN, JOHN ANTHONY (1960) *Representations of the partial probability ordering of inference between finite samples* (M.Sc. thesis), University of Sydney.
597. ^{CAI} HEATHCOTE, CHRISTOPHER ROBIN (1958) *Some methods applicable to the study of birth and death processes, with particular reference to the logistic process* (M.A. thesis), University of Melbourne.
598. ^{CAI} HORADAM, ALWYN FRANCIS (1947) *The out-of-date activities and interests of secondary school children in the Penrith district* (B.Ed.Inv. thesis), Melbourne Teachers' College.
599. — (1957) *Clifford geometry in complex projective spaces of two, five and eight dimensions* (Ph.D. thesis), University of Sydney.
600. HOWROYD, TERENCE DAVID (1959) *Dirichlet's problem, conformal mapping and complete sets in Hilbert space* (M.Sc. thesis), University of Tasmania.
601. ^{CAI} HURLEY, ANDREW CROWTHER (1955) *The irreducible crystal classes in four dimensions* (M.A. thesis), University of Melbourne.
602. HURST, WILLIAM NEVILLE (1959) *The minimization of variation and the use of factorial experiments in the theory of games* (M.A. thesis), University of Melbourne.

603. INGLIS, JOHN HENRY (1954) *An arithmetic test for teachers' college students : a report on the construction of a test for students in training at Toorak Teachers' College* (B.Ed.Inv. thesis), Melbourne Teachers' College.
604. ^{CAI} JAEGER, JOHN CONRAD (1941) *A study in the mathematical theory of the conduction of heat* (D.Sc. thesis), University of Sydney.
605. JAMES, ROBERT WILLIAM (1935) *Towards a mathematical theory of the trade cycle*, University of Melbourne. ['Thesis (Wilson Prize)', from the university library catalogue.]
606. — (193-?) *The relativity theory of gravitation and its alternatives* (Ph.D. thesis), University of Melbourne.²³
607. ^{CAI} JONES, ARTHUR RAYMOND²⁴ (1957) *Automatic computation of the latent roots and vectors of matrices* (M.A. thesis), University of Melbourne.
608. — (1960) *Periodic solutions of differential equations* (Ph.D. thesis), University of Melbourne.
609. JUPP, KATHLEEN MARGARET (1958) *Factors affecting the structure of the Australian population, with special reference to the period 1921 – 1933* (M.A. thesis), Australian National University.
610. ^{CAI} KEANE, AUSTIN (1955) *A problem in finite strain and its possible geophysical applications* (Ph.D. thesis), University of New South Wales.
611. LANE, COLIN S. (1956) *The teaching of secondary mathematics* (Dip.Ed. thesis), University of Tasmania.
612. LANG, DONALD WILSON (1960) *Some aspects of statistical theory in nuclear reactions* (Ph.D. thesis), Australian National University.
613. ^{CAI} LASZLO, HERBERT (1950) *Two-dimensional problems in aeolotropic materials* (M.A. thesis), University of Melbourne.
614. — *Elasticity in aeolotropic materials* (Ph.D. thesis). University of Melbourne. 1955.
615. LAYTON, ROGER ALEXANDER (1960) *Stochastic linear programming* (M.Ec. thesis), University of Sydney.
616. LEE, CATHERINE (1942) *Notes on the development of the child in number ability : written aspects of the teaching of number work to the junior school* (B.Ed.Inv. thesis), Melbourne Teachers' College.
617. LESLIE, RUPERT THOMAS (1951) *Mercerian theorems* (M.A. thesis), University of Melbourne.
618. ^{CAI} LEVEY, HARRIS CHARLES (1949) *On stationary two-dimensional compressible flow* (M.A. thesis), University of Melbourne.
619. LONDEY, DAVID GEORGE (1958) *The nature of formal systems* (Ph.D. thesis), University of Melbourne.
620. ^{CAI} LOVEDAY, NORMAN JAMES (1940) *Gyroscopic motion* (M.A. thesis), University of Queensland.

²³ This (from the University of Melbourne Library catalogue) must be considered to be erroneous, and should refer to an MSc degree. See the discussion on this point in the main text. The university's *Calendar* lists publications of James with Maurice Belz in 1938.

²⁴ Jones, from La Trobe University, is incorrectly indexed in *Counting Australia In*. The compiler of the index confused him with Queensland University's Alan S. Jones.

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621. ^{CAI} LOW, ANGUS HENRY (1960) *Some aspects of fluid flow past porous barriers and surfaces* (Ph.D. thesis), University of New South Wales.
622. ^{CAI} LUSH, PETER EUGENE (1950) *Variational methods and principles* (M.A. thesis), University of Melbourne.
623. MANDEL, STEPHEN PAUL HUGH (1956) *The problem of the covering of space by means of bounded lattice-ordered bodies* (M.Sc. thesis), University of Sydney.
624. MAROSKE, IAN OTTO (1956) *The marking and assessing of junior mathematics examination papers* (B.Ed.Inv. thesis), Melbourne Teachers' College.
625. ^{CAI} MASSEY, HARRIE STEWART WILSON (1929) *Wave mechanics and its application to modern physics* (M.Sc. thesis), University of Melbourne.
626. MAULDON, ROGER GREGORY (1957) *Linear programming in its application to farm management analysis* (M.Sc. thesis), University of Western Australia.
627. MAYO, GEORGE MELROSE ELTON (1950) *The use of random sampling technique to estimate land use ...* (B.Ag.Sc.(Hons) thesis), University of Adelaide.
628. McDONELL, A. (1936) *Mental age and the arithmetic curriculum* (B.Ed.Inv. thesis), Melbourne Teachers' College.
629. McGIBBON, JOHN WILLIAM and YOUNG, JAMES HENRY (1944) *Junior technical school mathematics : a critical review, and suggested course of study* (B.Ed.Inv. thesis), Melbourne Teachers' College.
630. ^{CAI} McGOVERN, PATRICK BLAKE (1936) *Tensor analysis and generalised differential geometries* (M.A. thesis), University of Queensland.
631. McQUILLAN, CARDWELL DAVID JAMES (1943) *The value of graphs and their treatment* (B.Ed.Inv. thesis), Melbourne Teachers' College.
632. ^{CAI} MICHAEL, JAMES HENRY (1953) *A general form of Cauchy's theorem* (M.Sc. thesis), University of Adelaide.
633. — (1957) *Integration over parametric surfaces* (Ph.D. thesis), University of Adelaide.
634. ^{CAI} MORAN, PATRICK ALFRED PIERCE (1950) *The theory of stochastic processes* (D.Sc. thesis), University of Sydney.
635. MUELLER, HARALD J. W. (1960) *Asymptotic expansions of Mathieu functions, spheroidal wave functions, Lamé functions and ellipsoidal wave functions and their characteristic numbers* (Ph.D. thesis), University of Western Australia.
636. MULRY, TIMOTHY DALTON (1928) *A non-metrical treatment of projective geometry* (M.A. thesis), University of Queensland.
637. MYERS, DAVID MILTON²⁵ (1938) *A new mechanical means of solution of differential equations of the second order and its application to engineering and other problems* (D.Sc.Eng. thesis), University of Sydney.
638. ^{CAI} NINHAM, BARRY WILLIAM (1957) *Studies in statistical thermodynamics* (M.Sc. thesis), University of Western Australia.
639. ^{CAI} ODGERS, GRAHAM JAMES (1946) *The equations of stellar structure* (M.A. thesis), University of Melbourne.
640. ^{CAI} O'DONNELL, MICHAEL PATRICK (1952) *Theory of rings* (M.Sc. thesis), University of Queensland.

²⁵ Myers was Professor of Electrical Engineering in the University of Sydney, 1949 – 1959, and Vice-Chancellor of La Trobe University, 1965 – 1976.

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641. OLSEN, FRANK JACKSON (1942) *The prediction of mathematical success by the application of a battery of simple tests* (B.Ed.Inv. thesis), Melbourne Teachers' College.
642. PAYNE-SCOTT, RUBY VIOLET²⁶ (1936) *The wave-length distribution of the scattered radiation in a medium traversed by a beam of X- or gamma rays* (M.Sc. thesis), University of Sydney.
643. PENNY, JOHN PHILIP (1960) *Application of the principles of time-sharing in the design of a multiprogramme digital computer ...* (M.Sc. thesis), University of Adelaide.
644. PERES, N. J. C. (1951) *Mathematical treatment of the geometry and measurement of gears and gearcutting hobs* (M.Sc. thesis), University of Western Australia.
645. PETTERSON, CARL WALTER (1936) *Inaccuracy in mathematical calculation* (B.Ed.Inv. thesis), Melbourne Teachers' College.
646. PHILP, HUGH WHITELAW STUART (1951) *A factorial study of numerical ability* (M.A. thesis), University of Sydney.
647. ^{CAI} PITMAN, EDITH JANE (1958) *The inhomogeneous minima of indefinite binary quadratic forms* (Ph.D. thesis), University of Sydney.
648. POOLE, PETER CYRIL (1957) *A study of students' attitudes towards science and mathematics at three stages in their transition from primary to secondary education* (B.Ed. thesis), University of Queensland.
649. ^{CAI} POWELL, HAROLD KERR (1940) *The theory of tensors : and its applications to dynamics* (M.A. thesis), University of Queensland.
650. PURRY, ROBERT IAN (1954) *Symbolic logic and its application to certain set-theoretical problems related to simple taking games* (M.A. thesis), University of Queensland.
651. ^{CAI} RADOK, JENS RAINER MARIA (1950) *On elastic wings in arbitrary motion through disturbed air* (M.A. thesis), University of Melbourne.
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²⁶ A paper by Payne-Scott in the *Proceedings of the Royal Society of London* in 1947 'was recognised as the mathematical foundation of future research in radio astronomy' (*Australian Dictionary of Biography*). She was the mother of ^{CAI} Peter Gavin Hall.

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²⁷ Ray Stalker (1930 – 2014) devised the free piston shock tunnels, now known as Stalker tubes. He was Professor of Mechanical Engineering in the University of Queensland from 1977, and was retitled the country's first Professor of Space Engineering in 1988.

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