

Books, manuscripts and documents dating before 1901 in the library collections of the Institute and Faculty of Actuaries

The following is an index in alphabetical order of principal author or title of printed books, manuscripts and documents that date from ca.1252 to 1900 in the libraries of the Institute of Actuaries and Faculty of Actuaries. Both collections are now held at the Institute and Faculty of Actuaries office at Staple Inn, London. The list covers items originally published before 1901 so some later published facsimiles and modern reprints of early texts are also included.

The actuarial profession's special library collections are of items which relate to the origins, creation and development of actuarial science. They encompass themes of early insurance and pensions, demography (particularly mortality patterns of populations), commercial arithmetic (application of compound interest in accumulating funds) and statistics and probability theory leading to calculations of life expectancy and the business of offering life assurance and pension schemes based on 'actuarial' mathematics. Most texts are in English but there are significant items for actuarial science from France, Germany and Holland. The collections are relevant to social history too as they demonstrate a growing understanding of finance in eighteenth- and nineteenth-century society, as wider social groups moved to protect their wealth from enterprise for their dependants and future family generations. Ideas on viable and sustainable funding had also been applied to developing state forms of social insurance. The collections hold much evidence from insurance societies of the work of 'actuaries' who emerged from the late eighteenth century, forming a first professional body as the Institute of Actuaries in 1848. The list includes the Archive of the Equitable Life Assurance Society, acquired by the Institute of Actuaries in 2006, with key historical manuscripts by Thomas Bayes, James Dodson, Richard Price and William Morgan.

The Institute and Faculty of Actuaries library adds relevant items to its collections each year and this list will be updated periodically to include new acquisitions.

Bibliographic entries and grouping under one author vary in detail and consistency. This is owing to how pamphlets have been collated for use at the libraries and to the cataloguing style and decisions of librarians over time. There are 'bookmarks' in this Adobe Portable Document Format (PDF) for users to jump down the alphabet of listed authors' surnames or corporate names. Or <Control + F> can be used to search for a name/keyword in the list. This remains an interim tool to allow researchers to identify items the libraries hold.

Those wishing to view items at the Institute and Faculty of Actuaries Libraries should first contact the librarian at the IFoA London Library to arrange a visit, citing the 'RKN' number of items of interest from the list.

Institute and Faculty of Actuaries
Library Service
1-3 Staple Inn
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LONDON WC1V 7QJ
Tel: 020 7632 2114 (London)
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e-mail: libraries@actuaries.org.uk

(Please contact the IFoA Library Service with enquiries about respective archives of the Institute of Actuaries and Faculty of Actuaries.)

Institute and Faculty of Actuaries Library, February 2025

We advise users to increase zoom or text size to read this list on screen.

Abbe, Cleveland (1871). *Historical note on the method of least squares*. [pamphlet]. 1871. - 6 pages. [RKN: 71251]
Extract from the American Journal of Science and Arts, vol 1 June 1871

Abbott, J (1841). *Tithe commutation tables, for ascertaining the amount of rent charge payable for the year 1841, according to the average prices of wheat, barley and oats, for the seven years ending Christmas, 1840, as declared in the London Gazette*. [pamphlet]. - Pontefract: 1841. [RKN: 40844]

Abercrombie, W (1870). *Calendar applicable to all future time. Interest table at 1%*. [book]. - Paisley: 1870. [RKN: 4351]

Aberdeen Fire and Life Assurance Company (1826). *Contract of copartnership of the Aberdeen Fire and Life Assurance Company 1825*. [corporate document]. - Aberdeen: Printed by D Chalmers and Co, 1826. - 38 pages. [RKN: 71495]

Aberdeen Mutual Assurance and Friendly Society (1832). *Constitution and laws*. [corporate document]. - Aberdeen: 1832. [RKN: 40833]

About, Edmond; Reboul, E (1865). *L'assurance*. [pamphlet]. - Saint-Germain: 1865. [RKN: 40623]

About, Edmond (1866). *L'assurance*. - 2nd ed. [pamphlet]. - Paris: 1866. [RKN: 4767]

Académie Royale des Sciences (1766;1760). *Histoire de l'Académie Royale des Sciences. Année M D.CCLX.: Avec les Mémoires de Mathématique & de Physique pour la même Année, tirés des Registres de cette Académie*. [journal]. - Paris: Imprimerie Royale, 1766;1760. - 1 vols. - [v], 212; 476 pages. [RKN: 43217]

This printing includes of the Daniel Bernoulli paper includes his 'Introduction made long after the Mémoire, being of date 16 April 1765'

An Accountant (1829). *Principles of life annuities and assurances*. [book]. - Edinburgh: 1829. [RKN: 4914]

An Accountant (1838). *Principles of life annuities and assurances, practically illustrated*. [pamphlet]. - Edinburgh: Thomas Clark, Law Bookseller, 1838. [RKN: 62663]

See also RKN 4914 for another copy

Ackland, Thomas Gans; Hardy, George Francis (1889). *Graduated exercises and examples for the use of students of the Institute of Actuaries textbook*. [book]. 1889. [RKN: 4249]

Ackland, Thomas Gans (1900). *Some elementary notes on mortality tables, their construction and use: read before the Birmingham Insurance Institute, 16th February 1900*. [pamphlet]. - Birmingham: E C Osborne and Son, 1900. - 20 pages. [RKN: 70002]

Acland, John; Price, Richard (1786;2011 reprint). *A Plan for rendering the Poor independent on public contributions; founded on the basis of the Friendly Societies, commonly called Clubs: To which is added, A Letter from Dr Price, containing his sentiments and calculations on the subject*. [pamphlet]. - Exeter; London: Printed and sold by R Thorn (Exeter); by Messrs Rivington and T Cadell (London), 1786;2011 reprint. - vi, 59, [2] pages. [RKN: 20112]

'By the Rev. John Acland' - t.p. -- Library also holds facsimile copy produced by Gale Ecco (Eighteenth Century Collections Online, Andover) with cover title as above but amended: 'A Plan...; founded on clubs. Also, a letter from Dr Price... on the subject'

Active Life Assurance Loan, Endowment and Reversionary Interest Society (n.d.). [Prospectus]. [commercial pamphlet]. n.d.. [RKN: 41194]

Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Acts relating to assurance in the reign of Queen Victoria 1837-1867. [legislation]. 1837;1838;1840;1842;1847;1849;1852;1859;1861;1864;1867. [RKN: 8306]

Actuarial Commission on Friendly Societies (1876). *Reports from the commission appointed under the Friendly Societies Act of 1875, together with a copy of the first and second, and of the second part of the third, of those reports*. [book]. 1876. [RKN: 6005]

Actuarial reports on pension and widows' funds 1759-1910. [pamphlets collection (bound)]. 1759-1910. [RKN: 9513]

Actuarial Society of America (1880). *History of the foundation of the Actuarial Society of America*. [book]. - New York NY (USA): 1880. - 51 pages. [RKN: 152]

Actuarial Society of Edinburgh Transactions. [journal]. [RKN: 362]

Actuarial Society of Edinburgh (1859 -1870). *Publications of the Actuarial Society of Edinburgh: First series, vol 1*. [pamphlets collection (bound)]. - Edinburgh: 1859 -1870. [RKN: 62329]

Presented to the library by W Rae Macdonald, 21 February 1913. Handwritten title page and list of contents. -- See also RKNs 62328, 40824, 70654, 62330

Actuarial Society of Edinburgh (1859-1873). *Actuarial Society papers 1859-1873*. [pamphlets collection (bound)]. - Edinburgh: 1859-1873. [RKN: 62328]

Papers bound in random order, with Faculty material at the front (not listed). Last paper is not mentioned as being an address to the Actuarial Society. -- See also RKNs 62329, 70654, 40824, 62330

Actuarial Society of Edinburgh (1859-1873). *Actuarial Society's papers 1859-1875*. [pamphlets collection (bound)]. - Edinburgh: 1859-1873. [RKN: 62330]

Papers bound in a different order to RKN 62328. -- Handwritten contents list -- "The profession of an actuary" is cut from a newspaper and glued in. -- Book belonged to Archibald Hewat and is dated 1876

Actuarial Society of Edinburgh (1863-1896). *Actuarial Society [of Edinburgh]: presidential addresses*. [pamphlets collection (bound)]. 1863-1896. [RKN: 70654]

See also RKNs 62328-30

Actuarial Society of Edinburgh (1868). *Laws instituted 3rd February 1859*. [corporate document]. - Edinburgh: 1868. [RKN: 40824]

See also RKNs 62328, 62329 & 62330

Actuarial Society of Edinburgh; Insurance and Actuarial Society of Glasgow (1874). *Transactions of Edinburgh and Glasgow societies*. [journal]. - Edinburgh: Actuarial Society of Edinburgh, 1874. - 1 vols. [RKN: 45465]

Actuaries Club (1895). *Annals of the Actuaries Club*. [book]. Actuaries Club, 1895. - 28 pages. [RKN: 212]

[Actuary] (1869). *Life assurance companies: their financial condition discussed, with reference to impending legislation, in a letter addressed to W E Gladstone, by an actuary*. [pamphlet]. - London: 1869. [RKN: 40201]

An Actuary (c1825). *The errors of actuaries, as applicable to the tables of friendly societies*. [pamphlet]. c1825. [RKN: 62671]

An Actuary (c1832). *Rules and tables for the use of friendly societies in every part of the United Kingdom, with notes, observations, and instructions*. [pamphlet]. c1832. - 32 pages. [RKN: 62672]

Spine reads: Pamphlets on Friendly Society and Savings Banks

An Actuary (c1832). *Instructions for the establishment and improvement of friendly societies*. [pamphlet]. c1832. - 16 pages. [RKN: 62673]

Adams, John (1787). *The mathematician's companion, or a table of logarithms from 1 to 10,860* [book]. - London: 1787. [RKN: 1391]

Adan, H F G (1871). *Notice sur l'histoire de assurances sur la vie*. [pamphlet]. - Brussels: 1871. [RKN: 40424]

Adan, H F G (1874). *Les caisses de veuves et orphelins et la nécessité de leur reform*. [pamphlet]. 1874. [RKN: 40422]

Adan, H F G (1879). *De la présomption de faute en matière de responsabilité civile des chefs d'exploitation industrielle*. [pamphlet]. - Brussels: 1879. [RKN: 40420]

Adan, H F G (1880). *Etude sur la nature du contract d'assurance sur la vie*. - 2nd ed. [pamphlet]. - Brussels: 1880. [RKN: 40421]

Faculty copy dated 1876 (1st edition?)

Adan, H F G (1887). *Les polices tontinières ou polices d'accumulation des compagnies américaines et leurs promesses*. [pamphlet]. - Brussels: 1887. [RKN: 40423]

Adan, H F G (1887). *Die Tontinen-Versicherung oder die Policen mit Gewinn-Ansammlung der amerikanischen Lebens-Versicherungs Gesellschaften und deren Versprechungen*. [pamphlet]. 1887. [RKN: 40837]

Adan, H-F-G (1889;1870;1883). *Life and accident insurance*. [pamphlet]. - Bruxelles: P Weissenbruch, 1889;1870;1883. [RKN: 9819]

Address by the manager of the Scottish Widows' Fund, and Life Assurance Society instituted January 2, 1815: containing an account of the origin, constitution, and progress of the society.. [corporate document]. - Edinburgh: J Moir, 1830. - 43 pages. [RKN: 71559]

Bound in a volume reading 'The Scottish Widows' Fund' on spine.

Adler, Marcus N (1892). *The health laws of the Bible and their influence upon the life condition of the Jews*. [article offprint]. 1892. - 11 pages. [RKN: 71207]

Reprint from the Imperial and Asiatic Quarterly Review, January 1892

Advertisements of assurance offices [pamphlet]. [RKN: 62645]

Agnew, John Vans (1826). *Some important questions in Scots entail law, briefly considered: to which are added reports of the decisions of the House of Lords, 31st July 1822, in the appeals Vans Agnew against Stewart and others, and Vans Agnew against the Earl of Stair and others*. [pamphlet]. - Edinburgh: 1826. - 96 pages. [RKN: 70749]

Agricultural and General Life Insurance Company (n.d.). [Prospectus]. [commercial pamphlet]. n.d.. [RKN: 41195]

Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Airy, George Biddle (1879). *On the algebraical and numerical theory of errors of observations*. - 3rd ed. [book]. - London: 1879. [RKN: 1716]

Albert Life Assurance Company; McCalmont, Hugh (Baron Cairns) (1872). *First arbitration award and papers*. [pamphlets collection (bound)]. - London: 1872. [RKN: 8149]

Albert Life Assurance Company; McCalmont, Hugh (Baron Cairns) (1875;1873;1875). *First, second and third and final arbitration awards.* [corporate document]. - London: 1875;1873;1875. [RKN: 8150]
Bound in one volume. Awards made 1872 (1st), 1873 (2nd) and 1875 (3rd)

Albert Life Assurance Company; Cairns (Lord) (1875). *Third and final arbitration award.* [corporate document]. - London: 1875. [RKN: 8151]

Albion Fire and Life Insurance Company (1837). [Prospectus]. [commercial pamphlet]. 1837. [RKN: 41196]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Albion Fire and Life Insurance Company (1844). [Prospectus]. [commercial pamphlet]. 1844. [RKN: 41197]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Aldcroft, W H (1900). *Characteristics of the tables of mortality.* [pamphlet]. - Glasgow: Insurance Institute of Manchester. printed by James Hedderwick & Sons, 1900. - 34,[2] pages. [RKN: 11011]
A paper read before the members of the Insurance Institute of Manchester on 20th March, 1900

Alexander, James (1864). *A five farthing penny: a new and simple system of account and reckoning for the million: [Read before the Royal Society of Edinburgh, 21st March 1864].* [pamphlet]. - Edinburgh: Andrew Elliot, 1864. - 32 pages. [RKN: 70971]

Alexandra Palace and Muswell Hill Estate (c1886). *The Alexandra Palace and Muswell Hill Estate Tontine, to terminate on the 30th of June, 1886.* [commercial pamphlet]. - London: c1886. - [2] pages. [RKN: 43738]
'This being a "Trust", subscribers incur no liability' -- 'Certificates pass to and entitle the bearer: 1. To participation in the proceeds of sale of the property if the representative life upon which the Tontine privilege depends shall be living on the 30th June 1886; 2. To the receipt from a life assurance of the sum of 20s in respect of each guinea paid upon any certificate, if the representative life shall die before the said 30th of June, 1886; 3. To admissions to the Palace and Park; 4. To participation in Art Union distributions proposed to be hereafter established'

Alfred Home and Foreign Life Assurance and Mutual Annuity Association (n.d.). [Prospectus]. [commercial pamphlet]. n.d.. [RKN: 41198]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Alison, Alexander (1852). *Universal free trade.* - 3rd ed. [pamphlet]. - London: 1852. [RKN: 41142]

Alison, Sir Archibald (1840). *The principles of population, and their connection with human happiness.* [book]. - Edinburgh: William Blackwood, 1840. - 2 vols. - 2 v. (xix, 572; viii, 514 p.) pages. [RKN: 9082]

Alison, W P; Arnott, N (1840). *Observations on the generation of fever.* [pamphlet]. - London: 1840. [RKN: 40800]

Allen, J A (1869). *Medical examinations for life insurance.* - Rev ed. [book]. - Chicago IL (USA): 1869. [RKN: 4968]
Faculty holds revised edition (1872)

Allen, Joseph (1877). *An inquiry concerning all the life insurance offices (British and foreign) having agencies in the United Kingdom: With a table prepared from the parliamentary returns, shewing in which of the offices policyholders may with certainty depend upon receiving the largest return for their money.* - 3rd ed. [pamphlet]. - London: Smart & Allen, 1877. - 25 pages. [RKN: 71094]

Allester, D W S (1846). *A table of simple interest.* [pamphlet]. - Edinburgh: 1846. [RKN: 40739]

Alliance British and Foreign Life and Fire Assurance Company (1825). *Rates of The Alliance British and Foreign Life and Fire Assurance Company, 4 New Court, St Swithin's Lane, established by an Act of Parliament. Instituted 1824. Capital five millions sterling.* [pamphlet]. - London: J Whiting, Printer, 1825. - 7 pages. [RKN: 82517]
Prospectus of The Alliance whose actuary was Benjamin Gompertz (1779-1865), later Honorary Fellow of the Institute of Actuaries 1855.
Acquired from the collection and estate of Trevor Sibbett FIA.

Alliance British and Foreign Life and Fire Assurance Company (n.d.). [Prospectus]. [commercial pamphlet]. n.d.. [RKN: 41199]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Allison, Edward D (1826). *Observations on the expediency of instituting a friendly association of the medical profession throughout Scotland, for insuring a provision during sickness and old age, widows' annuities, endowments to children etc.* [pamphlet]. - Edinburgh: Adam Black, 1826. - 36 pages. [RKN: 70680]

Altenburger, Julius (1900). *Theorie des Policen-Ruckkaufes in der Lebensversicherung..* [pamphlet]. - Wien (Vienna): 1900. [RKN: 40179]
Collected papers: Julius Altenburger - Miscellaneous papers.

Altenburger, Julius (1900;1905). *Miscellaneous papers.* [pamphlets collection (bound)]. 1900;1905. [RKN: 3405]

American Academy of Political and Social Science (1898). *The economic relation of life insurance to society and state: Report of the meeting held on December 17th 1897, under the auspices of the American Academy of Political and Social Science.* [pamphlet]. - Philadelphia PA (USA): American Academy of Political and Social Science, 1898. - 48 pages. [RKN: 71137]

The American life assurance magazine and journal of actuaries. [journal]. 1862. - 192 pages. [RKN: 70032]

American National Life Trust Co. (1874-1875). *Application for appointment of a trustee. Arguments in probate court.* [book]. - New Haven CT (USA): 1874-1875. [RKN: 8159]

Amicable Society for a Perpetual Assurance Office (1737). *An Abstract of the Original Charter of the Corporation of the Amicable Society for a Perpetual Assurance-Office, Dated 25 July, 5^o Annæ Reginæ, An. Dom. 1706; and, An Abstract of the Supplemental Charter. Dated 3^o Georgii Regis, Anno Dom. 1729; and, By-laws of the Corporation of the Amicable Society for a Perpetual Assurance-Office, read and approved of at two successive General Courts of the said Corporation, and confirm'd the 19th Day of January, 1737; and, Resolutions of the General Court referred to in the 14th By-law. At a General Quarterly Court held the 29th of April, 1734.* [pamphlet]. - London: 1737. - 22 pages. [RKN: 82529]

"Amicable Society paid claims from the subscriptions received each year, so that the sums policyholders received depended on how many died in the year. It was later merged with the Norwich Union. Text also includes a copy of Halley's mortality table extracted from *Miscellanea Curiosa*, Vol. 1 page 287. The first 1737 By-law is to the effect that no entrant shall be under the age of 12 or over the age of 45. This is the law that prevented Dodson from joining the Amicable and led eventually to the foundation of the Equitable. By-Laws include for the first time that members must voluntarily make oath, "That he or she is in a good State of Health, and hath no Distemper, which, according to the best of his or her Knowledge, Judgment, of Belief, may tend to the shortening of his or her Days" - TA Sibbett FIA

Acquired from the collection and estate of Trevor Sibbett FIA.

Contents include: An Abstract of the Original Charter of the Corporation of the Amicable Society for a Perpetual Assurance-Office, Dated 25 July, 5^o Annæ Reginæ, An. Dom. 1706 -- An Abstract of the Supplemental Charter. Dated 3^o Georgii Regis, Anno Dom. 1729 -- By-laws of the Corporation of the Amicable Society for a Perpetual Assurance-Office, read and approved of at two successive General Courts of the said Corporation, and confirm'd the 19th Day of January, 1737 -- Resolutions of the General Court referred to in the 14th By-law. At a General Quarterly Court held the 29th of April, 1734.

Amicable Society for a Perpetual Assurance Office (c1757). *Abstracts of charters, with byelaws and resolution of 11th August, 1757.* [corporate document]. c1757. [RKN: 8128]

Amicable Society for a Perpetual Assurance Office (1762). *Terms, Methods and Advantages of insuring Lives in the Office of the Amicable Society for a Perpetual Assurance, kept in Serjeant's Inn, Fleet Street.* [commercial pamphlet]. - London: Amicable Society, 1762. - [1] pages. [RKN: 43192]

Large prospectus notice of the Amicable Society, established 1706, still offering life assurance (not on actuarial lines) to those aged 12 to 45, the first enterprise to do so. This prospectus is in the year the Society for Equitable Assurances was established, whose life assurance policies had premiums calculated actuarially from mortality experience.

Amicable Society for a Perpetual Assurance Office (1790). *Charters and bye-laws, with resolutions of 1770 and 1781.* [corporate document]. 1790. [RKN: 8129]

Amicable Society for a Perpetual Assurance Office; Pensam, John (1807). *A short account of the Corporation of the Amicable Society for a Perpetual Assurance Office. Serjeant's Inn, Fleet Street, London, Instituted by Charter of Queen Anne, anno 1706. With the Terms and Methods of becoming Members thereof.* [corporate document]. - London: Printed by W Phillips, 1807. - 3, [1] pages. [RKN: 43171]

'Corporation of the Amicable Society (for Insurance on Life): Abstract of the Charters and By-Laws. With the Terms and Methods of becoming Members' - title printed on page fold. -- Together with the Abstract are fifteen engraved receipts for quarterly contributions to the Society by a "Contributor to the Joint Stock" ('Rev. Robert Thorp', policyholder for his own life), dated 1791 and 1794

Amicable Society for a Perpetual Assurance Office; Galloway, Thomas (1836). *Corporation of the Amicable Society for a Perpetual Assurance Office.* [commercial pamphlet]. - London: the Society, 1836. - 4 pages. [RKN: 42942]

Amicable Society for a Perpetual Assurance Office (1836). *Prospectus.* [commercial pamphlet]. 1836. - 15 pages. [RKN: 62851]

Amicable Society for a Perpetual Assurance Office (1839). *[Prospectus].* [commercial pamphlet]. 1839. [RKN: 41200]

Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Amicable Society for a Perpetual Assurance Office ([1845]). *The charters and by-laws of the Corporation of the Amicable Society for a perpetual assurance office.* [corporate document]. - London: Printed by Samuel Bentley, [1845]. - 160 pages. [RKN: 71252]

Amicable Society (Liverpool) (1814). *Articles of the Amicable Society, instituted in Liverpool, the twelfth day of December, 1803; supported and carried on by the voluntary contributions of its members; for the purpose of making a provision for themselves in time of sickness, misfortune, infirmity, or incapacity of attending to business; and in some degree to provide for their legal representatives, after their decease; and for other beneficial purposes.* [corporate document]. - Liverpool: Printed by H Forshaw, 1814. - 1 vols. - 28 pages. [RKN: 43228]

Amicus (Pseudonym) (1772). *Remarks on Dr Price's observations on reversionary payments.* [book]. 1772. [RKN: 4277]

Ampère, André-Marie (1802). *Considerations sur la Théorie Mathématique du Jeu.* [book]. - Lyon: chez les Frères Perisse, 1802. - 1 vols. - 63 pages. [RKN: 43140]

Analytical Society (1813). *Memoirs.* [journal]. - Cambridge: 1813. [RKN: 1060]

Anchor Life Assurance Company (n.d.). [*Prospectus*]. [commercial pamphlet]. n.d.. [RKN: 41201]

Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Ancient Order of Foresters (1840;1845;1846;1848;1854;1859;1863;1865). [*Collection of printed rules of the Order of Foresters in Malton, Warrington, Durham and elsewhere, 1840-1865*]. [pamphlets collection]. 1840;1845;1846;1848;1854;1859;1863;1865. - 16; 32; [4]; 36; 31, [1]; 14, [2]; 16; 36; 15, [1]; 32; 7, [1] pages. [RKN: 43727]

The Ancient Order of Foresters was founded in Rochdale in 1834, when over 300 branches of the Royal Foresters Society, formed in the eighteenth century, came together to form the new Order. Its purpose was to provide support for its members in case of illness or death.

Ancient Order of Foresters Friendly Society; Neison, Francis Gustavus Paulus, Sr (1872). *Report upon the sickness experience of the Ancient Order of Foresters' Friendly Society, for the year 1870*. [corporate document]. - Newcastle-upon-Tyne: 1872. - 11 pages. [RKN: 71012]

Ancient Order of Foresters Friendly Society; Neison, Francis G P, Jr (1882). *The rates of mortality and sickness according to the experience for the five years 1871-1875, of the Ancient Order of Foresters Friendly Society, with a series of monetary tables at 3, 3½ and 4 per cent interest*. [corporate document]. - London: Printed by Harrison and Sons, 1882. - 217 pages. [RKN: 6163]

Also bound in: Neison & Barnes: AOF 1871-1875 monetary table

Ancona, J S (1850). *Hints for the valuation of ecclesiastical and other property*. [pamphlet]. - London: 1850. [RKN: 40697]

Anderson, E Garrett (1898). *Deaths in childbirth*. [pamphlet]. 1898. [RKN: 71294]

Extract from the Correspondence section of the British Medical Journal, Sept 17 1898

Angus, John *Old and new Bills of Mortality: movement of the population: deaths and fatal diseases in London during the last fourteen years*. [journal article]. [RKN: 44240]

Journal of the Statistical Society (1854) **17(2)**: 117-142.

Annual Bonus Life Assurance Society *Constitution*. [corporate document]. [RKN: 40248]

[**Anonymous**] *Table V: Shewing the annual amount of life annuities, granted on the continuance of two lives, and the life of the longer liver of them, which will be payable for 100 pounds stock of 3 per cent. consolidated or reduced bank annuities transferred according to the average price thereof, in case the age of the elder nominee shall exceed the age of the younger nominee by more than 15 years, but not by more than 20 years at the time of transfer*. [pamphlet]. [RKN: 40293]

[**Anonymous**] *An appeal to the inhabitants of Richmond and its neighbourhood. By a member of the Literary and Scientific Institution*. [pamphlet]. - London: [RKN: 40584]

[**Anonymous**] *Elementary illustrations of the differential and integral calculus*. [pamphlet]. [RKN: 40726]

[**Anonymous**] *How to assure, and where to assure: a statement as to safety, by a very quiet looker-on*. [pamphlet]. - London: [RKN: 40600]

[**Anonymous**] *Names and residences of actuaries in London. Authorized to certify tables, which may be safely adopted in England, by Friendly Societies, for securing benefits depending on the laws of sickness and mortality. 9 & 10 Victoria, cap. 27, sec.13*. [pamphlet]. [RKN: 40546]

[**Anonymous**] *Sketch on the life and contributions to science of Joseph Henry*. [pamphlet]. [RKN: 40830]

[**Anonymous**] *Statistical tables*. [pamphlet]. [RKN: 40669]

Sections IX to XIII of a reference book, title unknown, giving various population figures for home and overseas in the early part of the 19th century

[**Anonymous**] ([1625-1651]). [*Compound interest tables*]. [manuscript]. - [England]: [1625-1651]. - 1 pages. [RKN: 43173]

The tables are calculated at a rate of interest of 8% per annum, and this means that they were almost certainly compiled between 1625, when the maximum legal rate of interest was reduced from 10% to 8%, and 1651, when a further reduction took place, to a new rate of only 6%. The handwriting would be consistent with a date of between 1625 and 1651. -- The tables are the four standard compound interest functions of $(1+i)^n$ raised to the power of n , $s(n)$, v raised to the power of n , and $a(n)$. They are shown for values of n from 1 to 30. Interestingly there is an error in the third table (v raised to the power of n) where the second and third figures in the main column are incorrect. (observed by Chris Lewin FIA)

[**Anonymous**] (1751). *A letter from a gentleman in town to his friend in the country, recommending the necessity of frugality*. - 3rd ed. [pamphlet]. - London: 1751. [RKN: 40825]

[**Anonymous**] (1836). *An essay on the means of insurance against the casualties of sickness, decrepitude, and mortality*. [pamphlet]. - London: Charles Knight, 1836. - iv, 63 pages. [RKN: 40251]

'Comprising an article reprinted from the Westminster Review (no. XVIII) for April 1828, with additional notes and corrections' - title page.

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Christie, Robert; Newmarch, William (1852). *Hints to the agents and friends of assurance offices by the spirits of Robert Christie, Esq, F.I.A. Manager of the Scottish Equitable Assurance Company, and William Newmarch, Esq, Secretary to the Globe Insurance Office.* [pamphlet]. G E Petter, 1852. - 12 pages. [RKN: 40758]

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Christie, Robert (1856). *Life assurance: Abstracts of all the accounts registered by life assurance companies in the United Kingdom from 5th September, 1844, when the Act 7th & 8th Vict. Cap. 110 was passed to 5th March, 1856; Being an analysis of three returns made to the House of Commons by the Registrar of Joint-Stock Companies in the years 1849, 1852 and 1856.* [pamphlet]. - Edinburgh: Thomas Constable and Co., 1856. - 79 pages. [RKN: 40832]

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- City News** *Life assurance practically considered; being a series of articles, reprinted by permission, from "The City News"*. [pamphlet]. - London: [RKN: 40351]
- City of Edinburgh Friendly Society; Meikle, James** (1866). *Report on the affairs of the Royal City of Edinburgh Friendly Society and lodge of the I.O. of Oddfellows, Manchester Unity as at 31st December 1865*. [corporate document]. - Edinburgh: 1866. - 21 pages. [RKN: 70772]
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- City of Glasgow Life Assurance Company** (1853). *Annual declaration of bonus: the City of Glasgow Life Assurance Company: "The bonus system" no 2, statement illustrative of the system of division on which the assured do not participate till they have outlived a certain number of years and contrasting it with the plan of annual division of profits adopted by this company*. [corporate document]. 1853. - 10 pages. [RKN: 71313]
- City of Glasgow Life Assurance Company** (n.d.). [Prospectus]. [commercial pamphlet]. n.d.. [RKN: 41215]
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- Clare, George** (1898). *The London Daily Stock and Share List: A course of lectures*. [book]. - London: Charles and Edwin Layton, 1898. - v,105 pages. [RKN: 12341]
- Clark, Samuel** (1758). *The laws of chance*. [book]. - London: 1758. [RKN: 1634]
- Clarke, H** (1779). *A dissertation on the summation of infinite converging series with algebraic divisors: Exhibiting a method not only intirely new, but much more general than any other which has hitherto appeared on the subject translated from the Latin of A.M. Lorgna, Professor of Mathematics in the Military College of Verona. With illustartive notes and observations, to which is added, and appendix; containing all the most elegant and useful formulae which have been investigated for the summing of the different orders of series; with various examples to each..* [book]. - London: Printed for the author and sold by Mr Murray, 1779. - xx, 219 ; 27 cm pages. [RKN: 70848]
- Clarke, Joseph; Price, Richard** (1786). *Observations on some causes of the excess of the mortality of males above that of females.: Communicated by the Rev. Richard Price, D.D.F.R.S in a Letter to Charles Blagden, M.D., Sec. R.S.* [article offprint]. - London: 1786. - 349-363 pages. [RKN: 41127]
Letters dated 22 October 1785 and 6 February, 1786 reprinted. -- Extract from Philosophical Transactions of the Royal Society, ca. 1786
- Clauson, A C** (1899). *The Companies Acts: A course of lectures delivered at the Institute of Actuaries, during the Session 1898-99*. [pamphlet]. - London: 1899. [RKN: 40691]
- Clavell, R** (1669). *Tabulae fueneratoriae, or Tables for the forbearance... and purchase of annuities to 31 yrs at the rate of 61% p.a., according to the late Act of Parliament, calculated by R Clavell....* - 2nd ed. [book]. - London: 1669. [RKN: 4352]
Library holds 1669 and 1683 editions; originally published 1651.
- Clavell, R** (1683). *Tabulae fueneratoriae, or Tables for the forbearance... and purchase of annuities to 31 yrs at the rate of 61% p.a., according to the late Act of Parliament, calculated by R Clavell....* - 3rd ed. [book]. 1683. [RKN: 20209]
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'A Chorological discourse of the well ordering, disposing, and governing of an honorable estate or revennue. Briefly describing the duties of divers officers therein to be employed: for the better preserving, improving and augmenting of the same' - title page, from page 53.
- Cleghorn, James** (1824). *Thoughts on the expediency of a general provident institution for the benefit of the working classes*. [pamphlet]. - Edinburgh: John Hutchison [printer], 1824. - 43 pages. [RKN: 70669]
- Cleghorn, James** ([1824]). *Report on the affairs of the Incorporation of Sailors of Prestonpans, as in December 1824*. [pamphlet]. [1824]. - 16 pages. [RKN: 62638]

Cleghorn, James (1827). *Report on the affairs of the incorporation of sailors of Prestonpans, as in December 1824.* [pamphlet]. P Neill [printer], 1827. [RKN: 70699]
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Cleghorn, James (1830). *Report[s] on the affairs of the incorporated trades of Calton.* [pamphlet]. 1830. - 59 pages. [RKN: 70708]

Cleghorn, James; Scott, James; Writers to the Signet (1831). *Documents relative to the widows schemes of the Writers to the Signet and Faculty of Advocates.* [pamphlet]. - Edinburgh: 1831. [RKN: 70641]
Pamphlet file: W.S. Widows Fund Act & Reports -- Bound volume with handwritten contents list, includes, Acts, numerous reports, resolutions, dissents, answers, notes, proposals. -- Contents span 1803-1831

Cleghorn, James (1831). *Answers to Mr Mackean's reasons of dissent from the resolutions of the Committee on the Widows' Fund of the Writers to His Majesty's Signet.* [pamphlet]. - Edinburgh: 1831. [RKN: 62857]
Spine title: "...Widows' Schemes"

Cleghorn, James (1831). *Writers to the Signet Widows' Fund: Comparative view of alterations on the scheme, as proposed by the accountant, and as adopted in the new Act.* [pamphlet]. 1831. [RKN: 62859]
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Cleghorn, James (1831). *Notes on the constitution of compulsory widows' schemes.* [pamphlet]. - Edinburgh: 1831. - 13 pages. [RKN: 62860]
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Cleghorn, James (1834). *A treatise on widows' schemes.* [book]. - Edinburgh: 1834. [RKN: 5627]
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pp 213-376 and 450-451 are particularly relevant

Cleland, J (1823). *Enumeration of the inhabitants of Scotland taken from the government abstracts of 1801, 1811, 1821: Containing a particular account of every parish in Scotland and many useful details respecting England, Wales and Ireland.* [book]. - Glasgow: James Lumsden & Son, 1823. - 91, 208 ; 25 cm pages. [RKN: 70817]
Bound with: Statistical tables relative to the City of Glasgow 1823 by same author

Cleland, J (1823). *Statistical tables relative to the City of Glasgow.* - 3rd ed. [book]. - Glasgow: 1823. [RKN: 3804]
Faculty holds a second copy bound with: Enumeration of the inhabitants of Scotland 1823 by same author

Cleland, J (1828). *Enumeration of the inhabitants of Scotland, take...from the government abstracts containing an account of the population of every parish in Scotland: details respecting the population of England, Ireland and Wales and mortality bills for the City of Glasgow from 1820 to 1828....* [book]. - Glasgow: John Smith & Son, 1828. - 102 ; 25 cm pages. [RKN: 70807]

Cleland, J (1831). *Enumeration of the inhabitants of the City of Glasgow and County of Lanark for the Government census of 1831: With population and statistical tables relative to England and Scotland.* - 2nd ed. [book]. - Glasgow: John Smith & Son [etc.], 1831. - 318 ; 40 cm pages. [RKN: 70859]

Clergy Mutual Assurance Society (1837). *[Prospectus].* [commercial pamphlet]. 1837. [RKN: 41216]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Clergy Mutual Assurance Society; Wyatt, F B; Stone, W B (1891). *Report on the mortality experience of the Clergy Mutual Assurance Society from 1829 to 1887: Together with a report on the medical history of the Clergy Mutual Assurance Society, by W B Stone.* [corporate document]. - London: 1891. [RKN: 2890]
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Clergy Mutual Assurance Society (c1866). *The report of the secretary to the directors on the bonus of 1866.* [corporate document]. c1866. [RKN: 40204]

Clerical Medical and General Life Assurance Society (1882). *[Prospectus].* [commercial pamphlet]. 1882. [RKN: 41162]

Clerical Medical and General Life Assurance Society (1887). *[Prospectus].* [commercial pamphlet]. 1887. [RKN: 41163]

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Clerical, Medical and General Life Assurance Society (1888). *In the High Court of Justice (Queen's Bench Division) before Mr Justice Manisty and Mr Justice Charles: the Clerical, Medical and General Life Assurance Society, appellants; and Carter (Surveyor of Taxes), respondent.* [corporate document]. - London: 1888. [RKN: 71336]

Clerical Medical and General Life Assurance Society (1889). *Income tax assessment, Q B Division, July 1888 and Appeal Court, February, 1889. Report of case.* [corporate document]. - London: 1889. [RKN: 40683]

Clerical, Medical and General Life Assurance Society (1889). *In the Supreme Court of Judicature (Court of Appeal) before the Master of the Rolls, Lord Justice Bowen and Lord Justice Fry: the Clerical, Medical and General Life Assurance Society, appellants; and Carter (Surveyor of Taxes), respondent.* [corporate document]. - London: 1889. - 95 pages. [RKN: 71337]

- Clerical, Medical and General Life Assurance Society** (n.d.). [*Prospectus*]. [commercial pamphlet]. n.d. [RKN: 41217]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)
- Clifford, George (ed)** (1876;2015 (reprint)). *The life assurers handbook and key to life assurance*. [book]. - London: Effingham Wilson, 1876;2015 (reprint). - iv, 284, [33] pages. [RKN: 43170]
Faculty collection holds an 1879 imprint edition
- Clifford Testimonial Fund; Spottiswoode, William** (1879). *Clifford Testimonial Fund*. [corporate document]. - London: 1879. [RKN: 40945]
- Cobbold, R K; Society for Equitable Assurances on Lives and Survivorships** (1849). *An address to the Members of the Society for Equitable Assurances, on Lives and Survivorships, and especially to such as have become members since the year 1816*. [corporate document]. - London: 1849. [RKN: 40498]
- Cockburn, H R; Murrie, R** (1888). *On the interests of heirs of entail and the calculation of the pecuniary values*. [pamphlet]. 1888. [RKN: 6171]
- Cockburn, Patrick** (1817). *Report on the proposed scheme for providing annuities to widows of solicitors of the supreme courts of Scotland*. [pamphlet]. - Edinburgh: Printed by J Hay & Co, 1817. - 28, 2 pages. [RKN: 71179]
- Cockburn, Patrick** (1825). *Report on the state of the widows' scheme of The Royal College of Surgeons of Edinburgh, as at Lammas 1824*. [pamphlet]. - Edinburgh: 1825. - 20 + 2pp appendix pages. [RKN: 62839]
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- Cocker, Edward** (1685). *Cocker's decimal arithmetick*. [book]. - London: J Richardson, for Tho. Passinger and Tho. Sawbridge, 1685. - 436 pages. [RKN: 969]
- Cockle, J** *Horae Algebraicae, 8-12*. [pamphlet]. - London: [RKN: 40400]
- Cockle, J** (1847). *On certain algebraic functions. Parts 1-9: 1847. Part 10: 1848*. [pamphlet]. 1847. [RKN: 40402]
- Cockle, J** (1848). *Notes on the theory of algebraic equations*. [pamphlet]. - London: 1848. [RKN: 40401]
- Cockle, J** (1848). *On certain researches of Murphy*. [pamphlet]. - London: 1848. [RKN: 40403]
- Cockle, J** (1851). *Solutions of certain systems of equations*. [pamphlet]. 1851. [RKN: 40404]
- Coghlan, T A** (1900). *Childbirth in New South Wales: a study in statistics*. [book]. - Sydney: William Applegate Gullick, Government Printer, 1900. - 67 pages. [RKN: 3755]
- Coles, John** (1866). *A few remarks on railway debentures*. [pamphlet]. - London: Unwin Brothers [printers], 1866. - 19 pages. [RKN: 70918]
- Coley-Bromfield, John** (1879). *Maximum premium life policies, for enabling persons to assure their lives on improved conditions: A new and valuable system of life assurance*. [pamphlet]. - Brighton: S W Copleston [printer], 1879. - 6 pages. [RKN: 71028]
- Collier, G F** (1852 reprint). *Health of the metropolis during the year of the Great Exhibition*. [reprint]. - London: 1852 reprint. [RKN: 41156]
- Collier, G F** (c1851). *The philosopher's mite to the Great Exhibition of 1851*. [pamphlet]. - London: c1851. [RKN: 40814]
- Collins, John (et al.); Royal Society (ed)** (1722;1712). *Commercium epistolicum*. [book]. - London: 1722;1712. [RKN: 1227]
- Collins, M** (1858). *A tract on the possible and impossible cases of quadratic duplicate equalities in the diophantine analysis*. [pamphlet]. - Dublin: 1858. [RKN: 40405]
- Colonial Life Assurance Company** (1847). [*Prospectus*]. [commercial pamphlet]. - Edinburgh: Johnstone, Ballantyne & Co, 1847. - 16 (+ 1 map) pages. [RKN: 71068]
- Colonial Life Assurance Company** (1853). *Report*. [corporate document]. 1853. [RKN: 40454]
- Colonial Magazine** (1840). *The monetary system of British India*. [pamphlet]. - London: 1840. [RKN: 40662]
Colonial Magazine
- Colquhoun, E** (1899). *Valuation tables based upon the Institute of Actuaries mortality experience HM and HM(5) tables*. [book]. - London: 1899. [RKN: 4645]
- Colvin, Alexander** (1852). *Actuarial figments exploded. A letter to the Right Hon J W Henley, MP, President of the Board of Trade, in defence of the life assurance offices registered under 7 & 8 Vic., Cap. 110*. [pamphlet]. - London: Charles & Edwin Layton, 1852. - 37 pages. [RKN: 40757]
- Colvin, Alexander** (1854). *To the members of the Institute of Actuaries, London 24th May 1854*. [pamphlet]. - London: privately printed, 1854. - 3 pages. [RKN: 40332]

Circular to the members with regard to his proposed expulsion from the Institute of Actuaries.

Comite des Compagnies d'Assurances à Primes fixes sur la Vie (1895). *Tables de mortalite*. [book]. - Paris: 1895. [RKN: 9938]

Comité Permanent des Congrès Internationaux d'Actuaires (1897-1905). *Bulletin*. [journal]. 1897-1905. [RKN: 41558]

Commercial Life Insurance, Annuity and Family Endowment Company (1840). *Prospectus*. [commercial pamphlet]. - Glasgow: Printed by W G Blackie and Co, 1840. [RKN: 71496]

Commercial life insurance, annuity and family endowment company. [pamphlet]. 1840. [RKN: 62643]

Commercial Union Assurance Company (1861). *Deed of settlement of the Commercial Union Assurance Company, dated 18th September 1861*. [corporate document]. 1861. - 71 pages. [RKN: 71254]

Commissioners Appointed to Inquire into the Sanitary State of the Army in India (1863). *Report...with precis of evidence (presented to both Houses of Parliament)*. [book]. - London: HMSO, 1863. - 265 + 2 folding charts pages. [RKN: 14549]
Bound with 'Fifth report of the Medical Officer of the Privy Council' [RKN: 14550]

Commissioners for the Reduction of the National Debt (1891). *Report by the Secretary and Comptroller General of the proceedings of the commissioners for the reduction of the national debt, from 1786 to 31 March 1890*. [book]. - London: HMSO, 1891. [RKN: 7068]

Committee appointed by the contributors to the Widows' Fund of Writers to the Signet; Mackenzie, Richard (1831). *Report on the heads of a proposed Bill for better raising and securing the said [Writers to the Signet] Widows' Fund*. [corporate document]. 1831. [RKN: 62856]

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[Communication to the Perth Courier in favour of Mr Millar, lecturer on the improvement of Friendly Societies]. [pamphlet]. - Perth: 1825. - 1 pages. [RKN: 71482]

Compagnia delle Assicurazioni Generali (1859). *Istruzioni per gli agenti delle Tontine Sarde fondate ed Amministrate dalla Compagnia delle Assicurazioni Generali: 2e edizione con emendamenti ed aggiunte*. [pamphlet]. - Tonino: Tipografia G Favale e Comp., 1859. - 59 + 7 p. folding pages pages. [RKN: 82508]

Compagnie d'Assurances Générales sur la Vie des Hommes (1878). *Notes pour servir à une bibliographie française de l'assurance sur la vie*. [book]. - Paris: 1878. [RKN: 9818]

Compagnie d'Assurances Générales sur la Vie des Hommes (1895;1896). *Compagnie d'Assurances Générales sur la Vie des Hommes: compte rendu....* [pamphlet]. - Paris: 1895;1896. [RKN: 71351]

Compagnie des Eaux de Paris (France) (1787). *Remboursement de Capitaux, Assurés à l'extinction des Revenus viagers & autres Usufruits: Programme*. [pamphlet]. - London: 1787. - 8 pages. [RKN: 82523]

The 'Programme' contains proposals of 13 August 1787 for whole of life assurance by level annual premiums and by current cost/assessment premiums. On 5 April 1788 the French King authorised by Arret the formation of the Chambre d'accumulation de Capitaux & interets composes. There was strong opposition to this from the Compagne Royale and others. In the Arret of 17 July 1788 the Compagne Royale had its 1787 authorisation confirmed and was given a 15 year exclusivity period. The Arret also forbade this and any other life assurance projects for that period. It appears to be quite important in French actuarial and life assurance history' - T A Sibbett FIA

Acquired from the collection and estate of Trevor Sibbett FIA.

Compagnie Générale des Assurances & Grosses Aventures de France (1687). [*Marine insurance policy issued between Compagnie Générale des Assurances & Grosses Aventures de France and Compagnie Du Levant*]: 'Au nom De Dieu. Compagnie Générale des Assurances. Nous la Compagnie Générale des Assurances & Grosses Aventures de France, établie à Paris par Déclaration du Roy, confessons par nos Directeurs soussignez, avoir pris de vous [in manuscript:] "Messieurs Magys et Fredian directeurs de la Compagnie du Levant ...sur marchandises chargées dans le navire les Armes de France du port de 300 tonneaux ou environ, armé de de 18 pièces de canon, commandé par Jean Jansen de Dunkerque pour venir de Constantinople à Marseille"...'. [manuscript]. 1687. - 1 p. pages. [RKN: 43188]

The Compagnie Générale des Assurances et Grosses Aventures de France" was the first 'modern' insurance company founded in March 1686, five years after the Ordonnance sur la Marine de Colbert (of August 1681) which gave it legal recognition. It replaced the "Chambre d'assurance et de grosse aventure de France" created in 1668 after a first less exact royal decree.

Compagnie Royale d'Assurances (1788). *Prospectus de l'établissement des assurances sur la vie*. [commercial pamphlet]. - Paris: Lottin, 1788. - 76, [16] pages. [RKN: 15185]

Compagnie Utrecht (1893). *Catalogue de la bibliothèque concernant les assurances sur la vie et les sciences accessoires*. [pamphlet]. J L Beijers, 1893. - 199 pages. [RKN: 71353]

Company of Merchants; Kinnear, David (1817). *Report of the committee of the Company of Merchants, on a widows' scheme*. [photocopy]. - Edinburgh: 1817. - 10 pages. [RKN: 70643]

Photocopy in bound volume

Condorcet, Jean-Antoine-Nicolas de Caritat, marquis de, 1743-1794 (1785). *Essai sur l'application de l'analyse à la probabilité des décisions rendues à la pluralité des voix*. [book]. - Paris: 1785. [RKN: 1636]

- Condorcet, Jean-Antoine-Nicolas de Caritat, marquis de (1743-1794)** (1792). *Discours sur les finances, prononcés à l'Assemblée Nationale par M. Condorcet, le 12 mars 1792.* [pamphlet]. - Paris: Par Ordre de l'Assemblée Nationale, 1792. - 42 pages. [RKN: 43110]
- Connecticut Mutual Life Insurance Company; Wells, D H** (1884). *Mortality experience of the Connecticut Mutual Life Insurance Company, from 1846 to 1878.* [corporate document]. - Hartford CT (USA): 1884. [RKN: 2886]
- Consols Insurance Association** (1860). *Copy of the deed of settlement of the Consols Insurance Association for effecting life assurances and investments in connection with Government securities.* [pamphlet]. - London: Consols Insurance Association, 1860. - vi, 49 pages. [RKN: 43326]
Acquired from the collection and estate of Trevor Sibbett FIA
The company was first to issue policies with benefits linked to stock exchange securities. William Farr was its auditor - TAS.
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De la Roque, André (1786). *Etablissement d'une Caisse Générale des Epargnes du Peuple, susceptible d'être executé dans le principaux gouvernemens de l'Europe. Accompagné de Tables, ou l'on compare la vie moyenne des hommes... avec celle des rentiers voyageurs de la Hollande, des tonniers de la France et des habitans de la Suède &c.: Suivis de deux méthodes pour le calcul des rentes viagères, et d'une courte explication de l'usage des annuités dans les opérations du commerce et de la finance; en sorte que cet ouvrage, outre son objet principal, est utile aux personnes qui acquièrent ou constituent des rentes viagères; aux débiteurs qui veulent se libérer par des économies insensibles; aux personnes, enfin, qui acquièrent ou transportent des jouissances de revenu, pour un nombre d'années fixe et déterminé, &c*. [book]. - Bruxelles (Brussels): [s.n.], 1786. - xxviii, 119, [1], 1 folding table pages. [RKN: 43212]
With numerous tables in the text and one folding table, pp.20-21. -- Author makes reference to earlier actuarial works by Edmond Halley, John Smart, Thomas Simpson, Leonhard Euler, Pehr Wargentin, Antoine Deparcieux, Paul Edme Crublier de Saint Cyran, Willem Kersseboom. -- A proposal to create a company to sell deferred annuities

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Institute: 2 copies of 1st edition slightly different, one bearing 'W.P.' and one 'William Pearson' for the imprint. -- Institute Library holds 1st (1725), 2nd (1743), 3rd (1750) and 4th (1752) editions. -- Featured in 'Some Landmarks in Actuarial Science', exhibition, November 1985

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De Moivre, Abraham (1743). *Annuities upon lives: Second edition, plainer, fuller and more correct than the first: With several tables, exhibiting at one view, the values of lives for several rates of interest*. - 2nd ed. [book]. - London: printed for the author by Henry and George Woodfall, 1743. [RKN: 41294]

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Last edition published in *The Doctrine of Chances* (1756), pp 261-328. De Moivre added 4 pages 325-328 with the title: Chapter IX: Serving to render the Solutions in this Treatise more general, and more correct. -- Institute Library holds 1st (1725), 2nd (1743), 3rd (1750) and 4th (1752) editions -- Institute: Originally entered under 20059

De Moivre, Abraham (1756). *The Doctrine of chances or, A Method of Calculating the Probabilities of Events in play*. - 3rd ed. [book]. - London: 1756. [RKN: 41299]

Institute Library holds 1st (1718), 2nd (1738) and 3rd (1756) editions -- Faculty library holds 2nd (1738), 3rd (1756) and 4th (1756) editions -- In 1756 (3rd edition) De Moivre added 4 pages (pp. 325-328) with the title: Chapter IX: Serving to render the Solutions in this Treatise more general, and more correct. These 4 pages were not included in the 3rd (1750) or 4th (1752) editions of *Annuities on Lives* -- Originally entered under 20007 -- Faculty holds second copy of 3rd edition (1756) bound with: *The doctrine of interest and annuities by Francis Baily* (1808) (see RKN 70791) -- Featured in 'Some Landmarks in Actuarial Science', exhibition, November 1985

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- Professor Euler's formula for time in which the population ought to double
- 'from the excess of baptisms'
- 'Comparison of the order of mortality' [Vaud, Paris and the country, St Sulpice, Normandy and parishes]
- Mortality in different countries (London, Simpson's Table; London, Hodgson's Table; Holland, Kersseboom's Table; Sweden, Wargentin's Table)
- (Vienna, eight years; Breslau, Halley's Table; Leipzig, five years; Brunswich, four years; Berlin, four years; Brandenburg, two small towns; Brandenburg, 31 villages; Brandenburg, Sussmilch general table) -- 'Article LXXX. Two interesting tables relative to population' by 'Helveticus' considers Muret's table: 'Order of mortality of married and of single women, taken from thirtyfive registers' -- Facsimile reprint by Gale ECCO (Eighteenth Century Collections Online) on demand, 2013
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Du Villard, Emmanuel Etienne (1787). *Recherches sur les rentes, les emprunts et les remboursements.* [book]. - Paris: 1787. [RKN: 4364]

Du Villard, Emmanuel Etienne (1790). *Plan d'une association de prévoyance, dans laquelle ses membres seront entr'eux, et pour eux, de la manière la plus avantageuse possible, tous les arrangemens connus sous la dénomination d'assurance sur la vie; arrangemens au moyen desquels de petites épargnes annuelles, une modique somme une fois payée, ou l'abandon d'une propriété future, même éventuelle, peuvent assurer, dès-à-présent, l'existence, fonder des ressources pour l'âge avancé, ou un héritage à des survivans. Le bureau de cette Association est établi à Paris, Quai des Augustins, N° 42. [bound with preceding:] : Recherches sur les les rentes, les emprunts et les remboursemens. D'ou résultent, 1°. Des formes d'emprunts, moins onéreuses à l'emprunteur, & en même temps plus avantageuses aux créanciers accumulateurs, que ne le font les différentes formes d'emprunts publics employées jusqu'à present. 2°. Des conversions de remboursemens, qui réunissent ces deux avantages, surtout, lorsque le débiteur renonce à emprunter de nouveaux capitaux. [bound with:] : Calcul qui prouve qu'on pourrait libérer l'Etat d'une partie des Rentes viagères à 10 pour 100, sur une tête âgée de dix ans; etc.. [book]. - Paris: chez l'Auteur, 1790. - 28 [following (8), 128, 2 folding tables, 2 plates; one large folding table] pages. [RKN: 82524]*

Recherches sur les les rentes, les emprunts et les remboursemens [...] 1787; [bound with] *Calcul qui prouve qu'on pourrait libérer l'Etat d'une partie des Rentes viagères à 10 pour 100, sur une tête âgée de dix ans; etc., 1787; [bound with] Plan d'une association de prévoyance, 1790.*

Shelved as per Recherches sur les les rentes, les emprunts et les remboursemens [...] 1787

Acquired from the collection and estate of Trevor Sibbett FIA..

Du Villard, Emmanuel Etienne (1806). *Analyse et tableaux de l'influence de la petite vérole sur la mortalité à chaque âge, et de celle aucun préservatif tel que la vaccine peut avoir sur la population et la longévité.* [book]. - Paris: Imprimerie Impériale, 1806. - [2], 210 + tables pages. [RKN: 2343]

The Dublin, Edinburgh and London Gazettes, 1886 (1886). *The Institute of Actuaries Byelaws.* [pamphlet]. 1886. [RKN: 191]

Duboisdenghien, Léon (1898). *De l'organisation technique et de la comptabilité rationnelle des sociétés de secours mutuels.* [pamphlet]. - Brussels: 1898. [RKN: 6008]

Duff, Alexander (1848). *A treatise on the deed of entail embracing commentaries on the Amendment Act of 1848 and prior acts on the subject of entails.* [book]. - Edinburgh: Bell and Bradfute, 1848. - 236 pages. [RKN: 70132]

Duffin, A B; Gillespie, James D (1874). *Report on the causes of death among the assured in the Scottish Union Insurance Co from 1824 to 1870.* [pamphlet]. - Edinburgh: R & R Clark [printer], 1874. - 30 pages. [RKN: 71039]

[Dugmore, John] (c1827). *[Commonplace book of monetary and measurement tables belonging to a land surveyor].* [manuscript]. c1827. - 90 leaves pages. [RKN: 43203]

90 leaves in total; the first 47 largely taken up with tables of weights & measures, annuities, and interest rates, in an exemplary neat hand; and leaves 48-52 in two later hands shew a variety of tables. The final two leaves have a list of contents -- Inscribed 'J Dugmore, Swaffham, 1810'. John Dugmore was born around 1756. In a newspaper advertisement of October 1780 he describes himself as 'Surveyor of Land and Tithes' and states that he has fixed his residence at Swaffham, Norfolk. In 1792 he took out an insurance policy. In 1798 he and his wife Elizabeth (who was about 6 years younger) leased a house in Swaffham, with an adjoining cottage and outhouses and garden for 8 years, at a rent of £30 p.a. By 1807 he was described as 'gentleman' when he was appointed one of the commissioners under an Act of Parliament. Elizabeth died on 27 September 1843, aged 81, and John died a few months later on 11 February 1844, aged 87 - his will is available online from the National Archives.

Dukes, Clement (1891). *A significant fact in the diagnosis and interpretation of the albuminuria of adolescents.* [article offprint]. 1891. - 13 pages. [RKN: 71177]

Reprinted from The Lancet, December 12 1891

Duncan, Henry (1917). *A letter to John H Forbes esq, advocate, containing an answer to some remarks and statements in his 'Observations on banks and savings', and his 'Letter to the Editor of the Quarterly Review', to which are added some cursory remarks, relative to a proposes Act of Parliament for the protection and encouragement of banks for savings in Scotland.* [pamphlet]. - Edinburgh: 1917. - 53 pages. [RKN: 62670]

Duncan, J Matthews (1866). *Fecundity, fertility, sterility and allied topics.* [book]. - Edinburgh: 1866. [RKN: 1979]

Duncan, J Matthews (1870). *On the mortality of childbed and maternity hospitals.* [book]. - Edinburgh: 1870. [RKN: 1980]

Duncan, James J; Hulley, Edward (1828;1829). *Duncan & Hulley's Tables.* [pamphlet]. 1828;1829. [RKN: 9616]

- Duncan, James J** (1829). *Tables of the probability and expectation of male and female life in Glasgow; and of the value of annuities on single lives, at all ages.* [pamphlet]. - Glasgow: 1829. [RKN: 40920]
- Duncan, James J** (1829). *Tables of the probability and expectation of male and female life in Glasgow, and of the value of annuities on single lives, at all ages.* [pamphlet]. - Glasgow: 1829. [RKN: 40927]
- Duncan, W J** (1867). *Notes on the rate of discount in London, 1856 - 1866.* [book]. - Edinburgh: 1867. [RKN: 7398]
- Dundee Merchants, Manufactures, and others Committee** (1853). *Report by the Committee on the bill to improve the administration of bankruptcy and insolvency in Scotland.* [corporate document]. - Dundee: 1853. [RKN: 40810]
- Dunn, Thomas** (1821). *Tables of simple interest, computed decimally....* [book]. - Glasgow: 1821. [RKN: 4349]
- Dupré de Saint-Maur, Nicolas-François** (1746). *Essai sur les monnoies, ou reflexions sur le rapport entre l'argent et les denrées.* [book]. - Paris: chez la Veuve Mequignon, 1746. - xxi,[3],220,188 + 1 plate folding table pages. [RKN: 15386]
- The duty of life assurance.* [pamphlet]. 1839. [RKN: 71553]
Extract from Chamber's Journal, March 23 1839 -- Loose pamphlet located with rest of Pamphlet Collection on top floor
- Eagle Company; Humphreys, George** (1874). *On the practice of the Eagle Company with regard to the assurance of lives classed as unsound, and on the rates of mortality prevailing amongst the lives so classed, assured during the sixty-three years ending 30 June 1871.* [journal article;facsimile reprint]. 1874. [RKN: 40040]
JIA (1874) **18**: 178-187.
Features in S Haberman & T A Sibbett (ed), *History of actuarial science* (1995) -- Featured in 'Some Landmarks in Actuarial Science', exhibition, November 1985
- Eagle Insurance Company** (1885). *[Prospectus]*. [commercial pamphlet]. 1885. [RKN: 41165]
- Eagle Insurance Company** (1887). *[Prospectus]*. [commercial pamphlet]. 1887. [RKN: 41166]
- Eagle Insurance Company** (1891). *[Prospectus]*. [commercial pamphlet]. 1891. [RKN: 41167]
- Eagle Insurance Company** (1898). *Eagle Insurance Company, London: Report of the directors for the year and quinquennium ending 31st December 1897, received and adopted at the Annual General Meeting of the proprietors* [corporate document]. - London: 1898. [RKN: 71297]
- Eagle Life Assurance Company** (n.d.). *Prospectus.* [commercial pamphlet]. - London: n.d.. [RKN: 62844]
- Eagle Life Assurance Company** (n.d.). *[Prospectus]*. [commercial pamphlet]. n.d.. [RKN: 41219]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)
- Eagle, P A** (1851). *Life assurance manual.* [book]. - London: 1851. [RKN: 8172]
- Early Closing Association** (1858). *Practical testimonies to the benefits attending the early payment of wages.* [corporate document]. - London: 1858. [RKN: 40464]
- East and West India Docks Company** (1851). *Proposed pension fund.* [corporate document]. 1851. [RKN: 40601]
- East India Company** (1837). *Fund for the benefit of the widows and children of deceased elders, extra clerks, assistant elders, and others, in the company's home service.* [corporate document]. - London: Printed by J L Cox and Sons, 1837. - 28 pages. [RKN: 5907]
- East India Company** (1837). *Fund for the benefit of the widows and families of deceased officers and clerks in the East-India Company's regular home establishment.* [corporate document]. - London: Printed by J L Cox and Sons, 1837. - 24 pages. [RKN: 15159]
- [East India Railway Company]** (1847). *An enquiry into the absolute and comparative value of the government guaranteed railway stock of the East India Railway Company: by an Accountant.* [corporate document]. - London: 1847. [RKN: 40495]
- Easton, James** (1799). *Human longevity: recording the name, age, place of residence and year of the decease of 1712 persons: Who attained a century and upwards from AD 66 to 1799, comprising a period of 1733 years with anecdotes of the most remarkable.* [book]. - Salisbury: printed and sold by James Easton, 1799. - xxxii, 292 ; 21 cm pages. [RKN: 70815]
- Ebrington (Viscount); Health of Towns Association** (1846). *Unhealthiness of towns, its causes and remedies; being a lecture, 10th December 1845, in the Mechanics Institute at Plymouth.* [pamphlet]. 1846. - 48 pages. [RKN: 11716]
- The Economic Life Assurance Society** (1844). *Prospectus.* [commercial pamphlet]. - London: 1844. [RKN: 8173]
By 1844 the Economic had existed for 20 years and this prospectus describes how the Society is being converted from a proprietary office to a mutual basis
- [Economic Life Assurance Society]** (1857). *Short-hand writer's report on the trial of the action Mackay and others v Stephenson, on a 5,000 pound policy in the Economic Life Assurance Society: at the Liverpool Summer Assizes, 24th and 25th August, 1857.* [corporate document]. - London: 1857. [RKN: 40461]

Economic Life Assurance Society (1865). [*Prospectus*]. [commercial pamphlet]. 1865. [RKN: 41168]

Economic Life Assurance Society (1883). [*Prospectus*]. [commercial pamphlet]. 1883. [RKN: 41169]

Economic Life Assurance Society (n.d.). [*Prospectus*]. [commercial pamphlet]. n.d.. [RKN: 41220]

Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Ede, W Moore (1889). *National insurance necessary and possible Two lectures*. [pamphlet]. - London: 1889. [RKN: 41960]

Collected papers: Papers on British social insurance 1889-1897

Eden, Frederic M (1797;1994 reprint). *The state of the poor: Or, an history of the labouring classes in England, from the Conquest to the present period in which are particularly considered, their domestic economy, with respect to diet, dress, fuel and inhabitation; and the various plans which, from time to time, have been proposed, and adopted, for the relief of the poor: Together with parochial reports relative to the administration of work-houses, and houses of industry; the state of friendly societies: and other public institutions; in several agricultural, commercial and manufacturing districts*. [facsimile reprint]. - Bristol: Thoemmes Press, 1797;1994 reprint. - 3 vols. - 668 (vol 1).706 (vol 2).654 (vol 3) pages. [RKN: 13654]

'With a large appendix; containing a comparative and chronological table of the prices of labour, of provisions, and other commodities; an account of the poor in Scotland; and many original documents on subjects of national importance' - title page

Eden, Frederick Morton, Sir (1801). *Observations on friendly societies, for the maintenance of the industrious classes, during sickness, infirmity, old age and other exigences*. [pamphlet]. - London: Printed for J White and J Wright, 1801. - 30 pages. [RKN: 43850]

Edgeworth, F Y (1881;1932 reprint). *Mathematical psychics. An essay on the application of mathematics to the moral sciences*. - Series of Reprints of Scarce Tracts in Economic and Political Science. [book]. - London: London School of Economics & Political Science, 1881;1932 reprint. [RKN: 6600]

Originally published by C Kegan Paul & Co, London, 1881 -- London School of Economics & Political Science Reprint no 10 in Series of Reprints of Scarce Tracts in Economic and Political Science

Edinburgh Benefit Society *Sketch of the principal rules and regulations proposed for a new society to be called the Edinburgh Benefit Society*. [corporate document]. [RKN: 62649]

Two folded sheets in bound volume

Edinburgh Chamber of Commerce and Manufactures (1898). *Edinburgh Chamber of Commerce and Manufactures: financial relations of England, Scotland and Ireland*. [pamphlet]. - Edinburgh: 1898. - 17 pages. [RKN: 71275]

Edinburgh Chartered Accountants' Annuity Fund; Society of Accountants in Edinburgh (1887). *An Act for establishing a fund for providing annuities and other benefits to members of the Society of Accountants in Edinburgh, and to their widows and representatives; and for other purposes*

. [corporate document]. 1887. [RKN: 62838]

Reports of the Fund 1888; 1889; 1890; 1891; 1892 are bound with this Act

Edinburgh Chartered Accountants' Annuity Fund; Meikle, James (1892). *Report of the first investigation and valuation of the Edinburgh Chartered Accountants' Annuity Fund, as at 31st December 1891*. [corporate document]. 1892. - 12 pages. [RKN: 71049]

Edinburgh Compositors' Society (1826-1828). *Edinburgh Compositors' Society: statement of affairs*. [corporate document]. 1826-1828. [RKN: 70688]

Edinburgh Compositors' Society (1831). *Laws of the Edinburgh Compositors' Society*. [corporate document]. - Edinburgh: Neill and Company [printers], 1831. - xii, 32 pages. [RKN: 70705]

Edinburgh Compositors Society; Meikle, James (1881). *Report on the affairs of the Edinburgh Compositors' Society, as at 31st December 1880*. [corporate document]. - Edinburgh: John Lindsay [printer], 1881. - 13 pages. [RKN: 71018]

Edinburgh Goldsmiths' Equitable Society (1825). *Laws of the Edinburgh Goldsmiths' Equitable Society, instituted March 1 1825, upon the principles recommended by the Highland Society of Scotland*. [corporate document]. - Edinburgh: P Neill [printer], 1825. - 24 pages. [RKN: 70675]

Edinburgh Goldsmiths Equitable Society (1827-1828). *Statement of the affairs of the Edinburgh Goldsmiths' Equitable Society*. [corporate document]. 1827-1828. - 2 pages. [RKN: 70691]

Edinburgh Life Assurance Company (1823). *Instructions to the agents of the Edinburgh Life Assurance Company*. [book]. - Edinburgh: Edinburgh Life Assurance Company, 1823. - 32 pages. [RKN: 20156]

Sir Walter Scott was a director of the company. Form of private medical attendant's report given - TAS Sibbett FIA note. Acquired from the collection and estate of Trevor Sibbett FIA.

Edinburgh Life Assurance Company; Brown, James (1835;1856). *Report[s] ... to the directors of the Edinburgh Life Assurance Company, respecting the division of the company's profits*. [corporate document]. - Edinburgh: 1835;1856. [RKN: 71461]

Edinburgh Life Assurance Company (1838). [*Prospectus*]. [commercial pamphlet]. 1838. [RKN: 41221]

Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Edinburgh Life Assurance Company (1842). *Report by the directors*. [corporate document]. - Edinburgh: 1842. [RKN: 40183]

Edinburgh Life Assurance Company (1844). *Address by the directors to the agents of the Edinburgh Life Assurance Company*. [corporate document]. - Edinburgh: Printed by John Johnstone, 1844. - 11 pages. [RKN: 71063]

Edinburgh Life Assurance Company (1847). *Prospectus*. [commercial pamphlet]. - Edinburgh: Printed by J Johnstone, 1847. [RKN: 71066]
Spine reads: Life insurance

Edinburgh Life Assurance Company (1878). [*Prospectus*]. [commercial pamphlet]. 1878. [RKN: 41170]

Edinburgh Life Assurance Company (1882). *Life interests, reversions, and estates in fee simple*. [corporate document]. 1882. - 11, 3 pages. [RKN: 62651]

Edinburgh Merchant Company (1904;1897;1911). *Reports on the general and on the widows' funds*. [corporate document]. - Edinburgh: 1904;1897;1911. [RKN: 71463]

Edinburgh New-Town Female Friendly Society (1825). *Memorial for the Edinburgh New-Town Female Friendly Society*. [corporate document]. 1825. [RKN: 70678]
Several folded sheets in bound volume

Edinburgh Operative Masons Benefit Society; Meikle, James (1881). *Quinquennial report on the affairs of the Edinburgh Operative Masons' Benefit Society, from 27th November 1875 to 31st December 1880*. [corporate document]. - Edinburgh: 1881. - 10 pages. [RKN: 71019]

Edinburgh School of Arts Friendly Society (1829). *Notice and explanatory statement*. [corporate document]. 1829. [RKN: 70701]

Edinburgh School of Arts Friendly Society (1829). *Prospectus of the Edinburgh School of Arts Friendly Society: Public meeting*. [commercial pamphlet]. P Neill [printer], 1829. [RKN: 70697]

Edinburgh School of Arts Friendly Society (1829). *Rules of the Edinburgh School of Arts Friendly Society*. [corporate document]. P Neill [printer], 1829. - 11 pages. [RKN: 70698]

Edinburgh School of Arts Friendly Society (1830). *Health and life assurance: being the rules and tables of the Edinburgh School of Arts Friendly Society*. [corporate document]. - Edinburgh: Adam Black, 1830. - xii, 52 pages. [RKN: 70702]

Edinburgh School of Arts Friendly Society; Cockburn, Patrick (1837). *Report on the affairs of the Edinburgh School of Arts Friendly Society, as at 31st December 1835*. [corporate document]. - Edinburgh: Neill and Company [printers], 1837. - 16 pages. [RKN: 71184]

Edinburgh School of Arts Friendly Society; Wood, William (1851). *Report upon the affairs of the Edinburgh School of Arts Friendly Society*. [corporate document]. - Edinburgh: 1851. - 16 pages. [RKN: 70771]

Edinburgh School of Arts Friendly Society; Meikle, James (1871;1886;1891). *Report upon the affairs of the Edinburgh School of Arts Friendly Society*. [corporate document]. - Edinburgh: 1871;1886;1891. [RKN: 70987]
Faculty holds a second copy of 1871 report within Pamphlet file, vol 53

Edmonds, Thomas Rowe *An inquiry into the law which governs the mortality of the people of England*. [journal article]. [RKN: 3492]
The Lancet (1850) **March**: 297-301 328-311.

Edmonds, Thomas Rowe (1831). *Political, moral and social economy*. [book]. - London: Effingham Wilson, 1831. - 304 pages. [RKN: 20088]

Edmonds, Thomas Rowe (1832). *Life tables, founded upon the discovery of a numerical law*. [book]. - London: 1832. [RKN: 2375]

Edmonds, Thomas Rowe (1837). *On the influence of age and selection on the mortality of the members of the Equitable Life Insurance Society during a period of sixty-seven years ending in 1829*. [pamphlet]. - London: 1837. [RKN: 40533]

Edmonds, Thomas Rowe (1838). *Duration of life in the English peerage*. [pamphlet]. - London: 1838. [RKN: 40532]

Edmonds, Thomas Rowe (1838). *On the mortality and diseases of Europeans and natives in the East Indies*. [pamphlet]. - London: 1838. [RKN: 40534]

Edmonds, Thomas Rowe (1840). *On the mortality and sickness of artisans in London*. [pamphlet]. - London: 1840. [RKN: 40665]

Edmonds, Thomas Rowe (1866). *On the law of human mortality expressed by a new formula*. [article offprint]. 1866. - 22 pages. [RKN: 70162]

The London, Edin., and Dublin Philosophical Magazine and Journal of Science (1866) **Fourth Series**
Reprinted from London, Edinburgh and Dublin Philosophical Magazine and Journal of Science (4th series) 31(206) 1866

Edmonson, J (1885). *Summary of lecture on calculating machines, delivered before the Physical Society of London, March 28, 1885*. [pamphlet]. - London: 1885. [RKN: 40407]

Elliott, E B (1856). *On the law of human mortality that appears to obtain in Massachusetts with tables of practical value deduced therefrom*. [pamphlet]. 1856. [RKN: 40327]

Elliott, E B (1856). *Vital statistics*. [pamphlet]. - Albany NY (USA): 1856. [RKN: 40719]

Ellis, A J (1874). *Algebra identified with geometry. 5 parts*. [pamphlet]. - London: 1874. [RKN: 40408]

Ellis, A J (1877). *How to teach proportion without reference to commensurability. A lecture delivered before the College of Preceptors, 15 November, 1876. With additional notes on collateral subjects*. [pamphlet]. - London: 1877. [RKN: 40316]

Ellis, R L (1843). *On the foundations of the theory of probabilities*. [pamphlet]. - Cambridge: John William Parker [printer], 1843. - 8 pages. [RKN: 71296]

Extract from the Transactions of the Cambridge Philosophical Society, vol 8 pt 1

Emerigon, M Balthazard-Marie (1783). *Traité des assurances et des contrats à la grosse*. [book]. - Marseille: Jean Mossy, 1783. - 2 vols. - 2v. (xvi, 686; 680) ; 27 cm pages. [RKN: 70792]

Emerson, Gouverneur (1831). *Medical statistics; consisting of estimates relating to the population of Philadelphia, with its changes as influenced by the deaths and births, during ten years, viz. from 1821 to 1830, inclusive... extracted from the American Journal of the Medical Sciences for November, 1831*. [pamphlet]. - Philadelphia PA (USA): printed by Joseph R A Skerrett, 1831. - 32 pages. [RKN: 10123]

Emerson, traveller, agriculturalist, and doctor, returned to America in 1820 having worked as ship's surgeon on a voyage to China. 'He settled in Philadelphia where a yellow fever epidemic gave him an opportunity for usefulness which he used so well that he was appointed attending physician to the City Dispensary. The Board of Health being without authority to deal with smallpox as it did with other contagious diseases, Dr Emerson turned his attention, when on the Board of Health, to necessary legislation concerning checking the disease. Statistics relative to smallpox are to be found in his article.' Dictionary of American Biography

Emerson, W (1763). *The method of increments: wherein the principles are demonstrated and the practice thereof shewn in the solution of problems*. [book]. - London: printed for J Nourse, 1763. - vii, 147 ; 23 cm pages. [RKN: 70818]

Emerson, W (1776). *Miscellanies. Or a miscellaneous treatise; containing several mathematical subjects*. [book]. - London: 1776. [RKN: 9935]

Emminghaus, A (1875). *Die behandlung des selbstmordes in der lebensversicherung*. [pamphlet]. - Leipzig: Verlag von Quandt & Handel, 1875. - 63 pages. [RKN: 71085]

Emminghaus, A (1880). *Mittheilungen aus der Geschäfts- und Sterblichkeits-Statistik der Lebensversicherungsbank für Deutschland zu Gotha für die funzig Jahre von 1829-1878*. [book]. - Weimar: 1880. [RKN: 2902]

Emminghaus, A (1887). *Die unanfechtbarkeit der police in der lebensversicherung*. [pamphlet]. Im Verlage des Verfassers, 1887. - 18 pages. [RKN: 71456]

Employers Liability Assurance Corporation (c1885). *All accidents insured against [advertisement]*. [commercial pamphlet]. - London: the Corporation, c1885. - 2 pages. [RKN: 42948]

Encyclopaedia Britannica; Encyclopaedia Metropolitana (1831;1849). *"Annuities" encyclopaedia articles 1831-49*. [encyclopedia article]. 1831;1849. [RKN: 9422]

Encyclopaedia Britannica: Human mortality: Excerpt from the 7th edition of the Encyclopaedia Britannica. [encyclopedia article]. 1837. [RKN: 2323]

Encyclopaedia Britannica: Excerpt from the 8th edition: Insurance. [encyclopedia article]. 1857. [RKN: 9814]

Encyclopaedia Metropolitana. Excerpts from volumes 1 and 2 on mathematical subjects. [encyclopedia article]. 1849. [RKN: 1641]

Encyclopedie Moderne *Extrait du troisieme volume de l'Encyclopedie Moderne. Assurances*. [encyclopedia article]. [RKN: 40637]

Enestrom, G (1879). *Differenskalkylens historia: [The History of differential calculus]*. [journal article]. 1879. [RKN: 10729]
Upsala Universitets Arsskrift 1879, Matematik och Naturvetenskap 1: 1-69.

England. Exchequer; Howard, Sir Robert (1695). *A particular accompt of the moneys paid into the Receipt of Exchequer, upon the late Million Act, for the benefit of survivorship: Containing the names of the several nominees, their ages, places of abode, the sums paid upon each nominee's life: As also, the deaths of such nominees as were certified into the Office of the Receipt of Exchequer before the 24th of December, 1694: / Examined by [...] Sir Robert Howard*. [legislation]. - London: Printed for Samuel Heyrick, 1695. - 54 pages. [RKN: 40006]

Examined by the Right Honourable Sir Robert Howard, Kt. Auditor of the Receipt of Exchequer; and printed by his direction - t.p

England. Hereford. [Tontine] (1803). [Proposals for a Tontine, on a new principle, by the establishment of Life, Annuities, increasing by Survivorship, and a Division of the whole Sum thereby raised among the ultimate Survivors]. *Hereford Journal*, Vol. 34 - No. 1721, Wednesday June 15, 1803; Hereford: 1803. [pamphlet] - [4] pages. [RKN: 82515]

England. Parliament (1602-1774). *[Acts of Parliament relating to insurances: 29 Acts between 1602 and 1774]*. [legislation]. - London: Charles Bill.Thomas Newcomb, 1602-1774. [RKN: 43943]

Twenty six Acts of Parliament each with a bearing on the insurance industry, originally bound for the Phoenix Assurance Company. Bound in hand written index in a 19th century hand. Items one and two comprise folio sized extracts folded and bound in. These sheets are undated but text reference would suggest a printing date of circa 1673.

England and Wales. Parliament (1662). *An Additional Act concerning matters of Assurance used amongst Merchants : Anno Regni Caroli II Regis Angliae, Scotiae, Franciae, & Hiberniae, Decimo Quarto. At the Parliament begun at Westminster the eighth day of May anno Dom. 1661. In the thirteenth year of the reign of our most Gracious Sovereign Lord Charles, by the Grace of God, of England, Scotland, France, and Ireland, King, Defender of the Faith &c. And there continued till the nineteenth day May in the 14th year of His Majesties said reign. And thence prorogued to the 18th of February the next following. : [14 Car. II, c.23].* [pamphlet]. - London: Printed by John Bill and Christopher Barker, 1662. - [7] [title; numbered 351-356 pages. [RKN: 43319]

Pages numbered 351-356, following title page.

This is the second insurance Act, (14 Car. II, c.23) of 1661 and follows 43 Eliz., c.12 of 1601. It sets the legal background against which marine insurance operated - TAS.

Acquired from the collection and estate of Trevor Sibbett FIA.

English and Scottish Law Fire and Life Assurance and Loan Association (1839). [*Prospectus*]. [commercial pamphlet]. 1839. [RKN: 41222]

Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Ensor, George (1818;1967 reprint). *An inquiry concerning the population of nations, containing a refutation of Mr Malthus's 'Essay on population'*. [facsimile reprint]. - New York NY (USA): Augustus M Kelley, 1818;1967 reprint. [RKN: 20158]

Equitable Life Assurance Society (1762-1950). [*Archive of the Equitable Life Assurance Society*]. [archive;manuscript]. 1762-1950. - 1 archive: 256 units vols. [RKN: 43950]

The Society was originally known as the Society for Equitable Assurances on Lives and Survivorships. In 1893 the official title of the office became the Equitable Life Assurance Society, following registration under the Companies Acts and the drawing up of the Memorandum and Articles of Association. -- Purchased and now owned by Institute of Actuaries, with kind support of donations from individual members of the Faculty of Actuaries and Institute of Actuaries, actuarial firms and overseas actuarial associations -- Individual manuscript items from the archive have their own records on this catalogue

<https://www.actuaries.org.uk/documents/equitable-life-assurance-society-elas-archive-1762-1975-institute-actuaries-library-london>

Contents include: EL/1 CORPORATE RECORDS -- EL/1/1 Deeds of settlement and legal documents, 1762-1910 -- EL/1/2 Court of directors' minute books, 1762-1834 -- EL/1/3 Court of directors' records, 1765-1848 -- EL/1/4 General court of members' minute books, 1765-1849 -- EL/1/5 Committee papers, 1765-1769

EL/2 FINANCIAL & ACCOUNTING RECORDS -- EL/2/1 Audit records, 1872-1894 -- EL/2/2 Cash books, 1774-1817 -- EL/2/3 General ledgers, 1767-1900 -- EL/2/4 Receipts and cheques, 1767-[c.1830] -- EL/2/5 Valuation reports and memoranda, 1786-1930 -- EL/2/6 Mortgage records, 1788-1860

EL/3 LEGAL RECORDS -- EL/3/1 Litigation papers, 1798-1904

EL/4 POLICY RECORDS -- EL/4/1 Bonus records, 1825-c.1908 -- EL/4/2 Claims books and memoranda, 1806-1869 -- EL/4/3 Mortality research, 1762-1963 -- EL/4/4 Policy forms and related items, 1787-1909 -- EL/4/5 Policy registers, 1764-1838 -- EL/4/6 Premium receipts, 1763-1809 -- EL/4/7 Proposal forms, 1764-1838 -- EL/4/8 Prospectuses, 1764-c.1950

EL/5 PUBLICITY & MARKETING RECORDS -- EL/5/1 Accounts, reports and addresses (speeches), 1777-c.1950 -- EL/5/2 Photographs, 1900-1942, -- EL/5/3 Scrapbooks and promotional items, 1906-c.1950 -- EL/5/4 Subject / Research Files, 1762 -- 1975

EL/6 MANUSCRIPTS -- EL/6/1 Manuscripts, 1747 -- 1835 -- EL/6/1/1 Mathematical notebook, by Thomas Bayes: 1 volume, c.1747 -- EL/6/1/2a 'Tables', by James Dodson Sr.: 1 volume. c.1756 -- EL/6/1/3 'First lecture on insurances', by James Dodson Sr.: 1 volume. c.1756 -- EL/6/1/4 'First lecture on insurances', by James Dodson Sr.: 1 volume. 1756 -- EL/6/1/5 Book of letters from Richard Price to John Edwards, actuary: 1 volume. 1768-1771 -- EL/6/1/6a 'Observations on the proper method of keeping the accounts, and determining from year to year the state of the Society', by Richard Price: 1 volume, c. 1774-1776 -- EL/6/1/7 Tables of annual premiums and tables of survivorships, by William Morgan: 1 volume. c.1780 -- EL/6/1/8a 'Calculations of premiums' based on the Northampton mortality tables, by William Morgan: 1 volume, 1781 -- EL/6/1/9 Calculations of premiums based on the Northampton mortality tables, by William Morgan: 2 volumes, [1781] -- EL/6/1/10 'Table of premiums', by William Morgan: 1 volume, 1781 -- EL/6/1/11 'Yearly computation of expected deaths and of accounts showing the state of the Society', by William Morgan: 1 volume, 1826 -- EL/6/1/12 'Calculations', by Arthur Morgan: 1 volume, 1835 -- EL/6/1/13 Tables showing the progress of the London Annuity Society in its first 24 years (1765-1789), author unknown: 1 volume, 1789

London Metropolitan Archives holds the later archive of items dating 1803 to 1976: -

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'Equitable Assurance Office, New Bridge Street [London], June 15, 1848'; addressed with postmarks, 1848 to 'W. Feetham Junr. Esq., 4 Millbank Street, Westminster'. The notice informs Feetham that policy no. 6026 'has become one of the oldest 5000 Policies in this Office' and brings the £2000 sum assured up to £2100. Docketed by Feetham 'Equitable Notices respecting additions to Policies'. Postmarked in red 15 July [1848], with another postmark stating 'Chief Office, 1d. paid'. Signed in type, 'Arthur Morgan, Actuary.'

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- Farren, George** (1823). *A treatise on life assurance: in which the systems and practice of the leading life institutions are stated and explained, and the statutes and judicial determinations affecting such institutions brought under review: With an appendix of cases, including arguments particularly relating to the formation of trading joint stock companies.* [book]. - London: Butterworth and Son, 1823. - vi, [2], 200, [2] pages. [RKN: 8319]
- Farren, George** (1826). *Observations on the importance in purchases of land, and in mercantile adventures, of ascertaining the rates or laws of mortality among Europeans, by chronic diseases and hot climates: on the data necessary for constructing tables to show the probable duration of a disease: illustrations of the progress of mania, melancholia, craziness, and demonomania; as displayed in Shakespeare's characters of Lear, Hamlet, Ophelia, and Edgar: on the comparative danger of first and subsequent child births. With an appendix, containing the form of a deed for establishing a joint-stock company, without requiring the aid of parliament, or the incumbrance of an act to sue and be sued..* [book]. - London: Printed for the author by J A Hessey and J M Richardson, 1826. - 102 pages. [RKN: 9077]
- Farren, George** (1829). *Observations on the laws of mortality and disease, and on the principles of life insurance.* [book]. - London: 1829. [RKN: 2370]
- Farren, George** (1832). *Observations on the mortalities among the members of the British peerage.* [book]. - London: 1832. [RKN: 3982]
- Farren, George** (1852). *Observations on the importance in purchases of land, and in mercantile adventures, of ascertaining the rates or laws of mortality among Europeans, by chronic diseases and hot climates.* [pamphlet]. - London: 1852. [RKN: 40105]
- Fawcett, Cicely D; Pearson, Karl** (1898). *Mathematical contributions to the theory of evolution: On the inheritance of the Cephalic index.* [pamphlet]. - London: 1898. [RKN: 42143]
Collected papers: Papers from the Proceedings of the Royal Society, volumes 60-69
- Felce, Ernest** ([1897]). *Norwich Union Fire Insurance Society: an historical sketch issued on completion of its centenary 1797-1897.* [book]. [1897]. - 47 pages. [RKN: 7953]
- Felkin, R W** (1895). *On the geographical distribution of tropical diseases in Africa.* [book]. - Edinburgh: 1895. [RKN: 1984]
- Fenn, C** (1898). *Fenn on the funds. A handbook of public debts: Edited by S F Van Oss and H H Bassett.* - 16th ed. [book]. - London: 1898. [RKN: 7064]
- Fenton, Roger** (1612). *A Treatise of Usurie, divided into Three Bookes: The first defineth what is Usurie. The Second determineth that to be unlawfull. The third removeth such motives as perswade men this age that it be unlawfull.* [book]. - London: Imprinted by Felix Kyngston, for William Aspley, 1612. - [14], 155, i pages. [RKN: 8920]
- Fergusson, James** (1830). *Observations on entails and entries of heirs apparent cum beneficio inventarii, with an index of the register of tailzies from AD 1685 to 1830.* [book]. - Edinburgh: Thomas Clark, 1830. - 98 pages. [RKN: 70168]
- Filipowski, H E** (1851). *A table of anti-logarithms containing to seven places of decimals and an improved table of Gauss' logarithms.* - 2nd ed. [book]. - London: Bell and Daldy, 1851. [RKN: 1409]
Library holds 2nd (1851) and 3rd (1861) editions -- 3rd copy (AN 3900) withdrawn Mar 1997

Filipowski, H E (1861). *A table of anti-logarithms containing to seven places of decimals and an improved table of Gauss' logarithms.* - 3rd ed. [book]. - London: Bell & Daldy, 1861. [RKN: 41300]

Library holds 2nd (1851) and 3rd (1861) editions

Filipowski, H E (1868-1870). *The Actuarial Magazine containing original tables relating to life contingencies, vital statistics, interest and discount and kindred subjects...: Contributed by actuaries and other mathematicians.* [journal article]. - London: E & F N Spon, 1868-1870. [RKN: 70012]

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Filmer, Robert; Twisden, Roger (1678). *A discourse whether it may be lawful to take use for money.* [book]. - London: Sir Roger Twisden. Printed by Will. Crook, 1678. - [30], 119, [8] p. pages. [RKN: 42929]

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Finance Chronicle and Insurance Circular (1890). *The level-premium system.* - Reprint ed. [pamphlet]. - London: Russell & Co, 1890. [RKN: 4928]

Financial Reformer (1856). *The Bank Charter Act of 1844, reprinted from the "Financial Reformer", to which are added a report and resolutions presented to the Liverpool Chamber of Commerce.* [pamphlet]. 1856. [RKN: 40207]

Finlaison, Alexander Glen (1853;1854). *Returns: Friendly societies. Sickness and mortality. First and second parts.* [book]. 1853;1854. [RKN: 9831]

Title on spine: 'Report. Friendly Societies. England'

Finlaison, Alexander Glen (1853). *Return: Friendly societies. Sickness and mortality. First part: Copy of a report and tables, prepared under the directions of the Lords of the Treasury, by the Actuary of the National Debt Office, on the subject of sickness and mortality among the members of Friendly Societies, as shown by the quinquennial returns, to the 31st day of December 1850, received by the Registrar of Friendly Societies in England, under the provisions of the Act 9 & 10 Vict. c. 27.* [book]. 1853. - 57 pages. [RKN: 3964]

There is also a copy of this item bound together with the Second Part of the Return

Finlaison, Alexander Glen (1854). *Return: Friendly societies. Sickness and mortality. Second part: Copies of further report and tables, prepared under the directions of the Lords of the Treasury, by the Actuary of the National Debt Office, on the subject of sickness and mortality among the members of Friendly Societies, as shown by the quinquennial returns, to the 31st day of December 1850, received by the Registrar of Friendly Societies in England, under the provisions of the Act 9 & 10 Vict. c. 27.* [book]. 1854. - 37 pages. [RKN: 3965]

There is a separate copy of this item bound together with the First Part of the Return

Finlaison, Alexander Glen (1860). *Report and observations of Mr Alexander Finlaison, actuary of the Commissioners for the Reduction of the National Debt, relating to tontines and life annuities, and to the duration of life among the nominees: Return to an Order of the Honourable the House of Commons, dated 25 August 1860.* [book]. - London: 1860. [RKN: 3846]

Finlaison, Alexander John (1895). *Joint-life annuity tables for lives of both sexes, and also single-life annuity tables; deduced from the mortality experience of government life annuitants between 1808 and 1875, according to the report of 1883 of Alexander John Finlaison, at 2 1/2, 3 and 3 1/2 per cent. per annum.* [book]. - London: 1895. [RKN: 4689]

Finlaison, John; Select Committee on Life Annuities (1829). *Life annuities: Report of John Finlaison, Actuary of the National Debt, on the evidence and elementary facts on which the tables of life annuities are founded. HC 122: Report from the Select Committee on life annuities. HC 284.* [book]. 1829. [RKN: 9309]

Bound volume labelled 'Widows Schemes' with: Parly Reports - Friendly Societies and Annuities -- Report Select Committee on Life Annuities 1829, Select Committees on Friendly Societies 1825 1827 -- Widows' Schemes

Finlaison, John (1829). *The report [...] on the evidence and elementary facts, on which the tables of life annuities constructed by command [...] are founded.* [facsimile reprint]. - London: 1829. [RKN: 40018]

Report to the Lords Commissioners of H.M. Treasury -- Features in S Haberman & T A Sibbett (ed), History of actuarial science (1995)

Finlaison, John (1829). *Report on the evidence and elementary facts on which the tables of life annuities are founded.* [pamphlet]. - London: 1829. [RKN: 40955]

Finlaison, John (1829). *Life annuities: Report of John Finlaison, Actuary of the National Debt, on the evidence and elementary facts on which the tables of life annuities are founded.* [book]. 1829. - 69 pages. [RKN: 3945]

Finlaison, John (1833). *Tables for providing relief in sickness and old age, for payments at death, and indowments for children.* [pamphlet]. - London: 1833. [RKN: 40377]

Finlaison, John (1839-1843). *Annuity tables based on data of about 1839-1843.* [manuscript]. 1839-1843. - 8 vols. [RKN: 4623]

Finlaison, John (1843). *An account of some remarkable applications of the electric fluid to the useful arts by Mr Alexander Bain with a vindication of his claim to be the first inventor of the electro-magnetic printing telegraph and also of the electro-magnetic clock..* [book]. - London: Chapman and Hall, 1843. - [2], 127 p. + [5] p. of folding plates: ill (diags.) pages. [RKN: 42858]

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Fitzgerald, WM (1895). *A statement by the superintendent of insurance ... of reasons why the Independent Order of Foresters should not have the powers granted them by Parliament*. [pamphlet]. - Toronto: Monetary Times Printing Company Ltd, 1895. - 16 pages. [RKN: 71127]

Fleming, J G (1862). *Medical statistics of life assurance*. [book]. - Glasgow: 1862. [RKN: 5003]

Flourens, P (1855). *On human longevity and the amount of life upon the globe*. [book]. - London: 1855. [RKN: 1948]
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Foley, T (1848). *An investigation of the profits which might be realized by life assurance companies*. [pamphlet]. - London: 1848. [RKN: 40317]

Folger, Herbert (1892). *The growth of tariff associations: [Read before the Fire Underwriters' Association of the Pacific at its sixteenth annual meeting, February 16, 1892]*. [pamphlet]. 1892. [RKN: 40729]

Folger, Herbert (1895). *Large fires in American cities: [Read before the Fire Underwriters' Association of the Pacific, 19th annual meeting Feb 19-20 1895]*. [pamphlet]. 1895. - 8 (+ 6 street maps) pages. [RKN: 71153]

Fontaine, L (1890). *Rapport no 14: Sur la Société de Secours Mutuels et la Caisse des Retraites des Ouvriers en Soie de Lyon*. [pamphlet]. 1890. [RKN: 71342]

Fordyce (1806). *Comitatus anglorum: being a brief but comprehensive synopsis of statistical and political arithmetic: Containing, in one view, the English counties arranged according to their relative magnitudes; personages of preponderating influence in each county; for what each county is distinguished; hundreds &c. in each county; [...] with computations on longevity, annuities and reversionary payments the whole serving as tables of reference for many useful and entertaining purposes, calculated from the data of Petty, Graunt, Devanant, Templeman, Dupree, Maseres, Pitt &c. which, when assisted by the problems that accompany it, will unfold to young and ingenious minds a mode of computation as novel in its manner as beneficial in its effects/ by Mr Fordyce*. [chart]. - Birmingham: Swinney & Ferrall (printer), 1806. [RKN: 12350]

Foreign Office (1893). *Mexico: report on the effect of depreciation of silver on Mexico*. [pamphlet]. - London: HMSO, 1893. - 29 pages. [RKN: 71198]

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Foresters Friendly Society (1886-1887). *The Foresters' Miscellany and Review, conducted by George Abbott*. [corporate document]. - Glasgow: The Executive Council of the Ancient Order of Foresters Friendly Society, 1886-1887. [RKN: 10738]

Forrest, D (1871). *Report of the reconstruction committee to the policyholders in the Albert Life Office and its associated companies, 1st August 1871*. [pamphlet]. - London: Printed by Joseph Causton & Sons, 1871. - 8 pages. [RKN: 70897]

Foster, T A; Union Mutual Life Insurance Company of New York (1885). *Medical report on the Union Mutual Life Insurance Company of Maine*. [corporate document]. - Portland OR (USA): 1885. [RKN: 40433]

Fourier, Jean-Baptiste Joseph (1821). *Rapport sur les établissements appelés Tontines, présenté à l'Académie Royale des Sciences, dans sa séance du 9 avril 1821*. [book]. - [Paris]: [Institut Royal de France], 1821. - 1 vols. - 20 pages. [RKN: 43016]

Fourier, Joseph; Chabrol de Volvic, Gilbert-Joseph Gaspard Comte de (1821). *Recherches statistiques sur la ville de Paris et le Département de la Seine: Recueil de tableaux dressés et réunis d'après les ordres de Monsieur le Comte de Chabrol, Conseiller d'État, Préfet du Département*. [book]. - Paris: C Ballard, Imprimeur du Roi, 1821. - x,114,[32],[5],[2],[1] pages. [RKN: 3809]

Fouse, L G (1898). *Legislative, actuarial and official treatment of life insurance: Address before the twenty-ninth National Convention of Insurance Commissioners of the United States*. [pamphlet]. - Milwaukee WI (USA): 1898. [RKN: 40732]

Fousse, L G (1898). *Legislative actuarial and official treatment of the assessment system of life insurance*. [pamphlet]. - Milwaukee WI (USA): 1898. [RKN: 41653]
Collected papers: General papers on insurance 1877-1937

Fowler, J A (1878). *The fire account - physical, personal, moral*. [pamphlet]. 1878. - 12 pages. [RKN: 71375]

Fox, Morris (1890). *Values of endowment - Assurance policies for 100 payable at death, or in 10, 15, 20, 25, 30, and 35 years, at all durations for such policies*. [pamphlet]. - Wellington: 1890. [RKN: 41896]
Collected papers: Miscellaneous monetary tables 1872-1924

Frampton, Algernon; Mutual Life Assurance Society (1838). *An account of the Mutual Life Assurance Society; with remarks on the subject of life assurance generally*. [corporate document]. - London: 1838. [RKN: 40689]

France; [Colbert, Jean-Baptiste] (1699). *Ordonnance de Louis XIV, Roy de France at de Navarre. Donnée à Fontainebleau au mois d'Aoust 1681. Touchant la Marine.* - [2nd] ed. [book]. - Paris: chez Denis Thierry, 1699. - 1 vols. - [6], 268, [26] pages. [RKN: 43191]
Re-edition of the Ordonnance on marine affairs and marine insurance by Jean-Baptiste Colbert (1619-1683) of August 1681. -- Library holds a manuscript policy for the Compagnie Générale des Assurances & Grosses Aventures de France dated 1686 [RKN 43188] operated under the original Ordonnance of 1681 of which this is a later edition of 1699.

France (1758). *Édit du Roi portant création de trois millions six cent mille livres de rentes viagères sur les aides & gabelles, tant sur une tête, à divers taux, en différentes classes suivant les âges, que sr deux têtes, à raison de huit pour cent par an. Donné à Versaille au moins de novembre 1758.* [pamphlet]. - Lyon: de l'imprimerie de P Valfray, 1758. - 6, [2] pages. [RKN: 82525]

'The government raising money by selling annuities where what is paid depends to annuitants upon age group at outset' - TA

Sibbett FIA

Edict of King Louis XV (r. 1715-1774) of France.

Acquired from the collection and estate of Trevor Sibbett FIA.

France (1770). *Lettres Patentes du Roi, qui ordonnent la conversion des Rentes de Tontines, en Rentes purement viagères, à compter du 1er Janvier 1770. Données à Marli le 5 juillet 1770. Registrées en la Chambre des Comptes le 17 Novembre suivant.* [pamphlet]. - Paris: Imprimerie Royale, 1770. - 32 pages. [RKN: 43479]

This Letters Patent (France, 1770) was acquired in a set with others of dates from 1763 to 1786 listed below: -- Arrest du Conseil d'Etat du Roy, du 24 Juin 1763. Et Lettres Patentes sur Icelui. Données à Versailles les dits jours & an, & Registrées en Parlement le 26 Juillet suivant. Qui accord à la Ville de Reims, une somme annuelle de quinze-mille livres pendant six années, & lui permet d'emprunter jusqu'à concurrence de la somme de deux cens quarante mille livres, pour les ouvrages à faire la nouvelle Place Royale. 11p. -- Arrest du Conseil d'Etat du Roi, qui nomme des Commissaires pour procéder à la fixations des Indemnités demandés par les Propriétaires des Rentes à trois & à quatre pour cent. Du 20 Février 1764. Extrait des Registres du Conseil d'Etat. 3p. -- Lettres Patentes du Roi, qui autorise les Ecclesiastiques & Gens de Main-Morte, Propriétaires des Fiefs, à acquérir les Droits d'Echange dans leurs Seigneuries directes seulement. Données à Versailles le 11 Juin 1764. 4p. -- Lettres Patentes du Roi, qui dispensent les Etrangers, ou ceux qui acquereront des dits Etrangers des rentes sur l'Hotel-de-Ville de Paris, de prendre des Lettres de ratification sur les transports de rentes perpetuelles; ordonnent que les Propriétaires de rentes renouvelleront tous les dix ans leurs procurations; accordent un nouveau delai d'un an pour faire rectifier les erreurs de noms, d'age ou de qualité qui ont pu se glisser dans les contrats. Données à Fontainebleau le 30 Octobre 1764. 4 p. -- Arrest de la Cour des Aydes. Rendu entre le sieur Geoffroy de Montjay, Receveur des Domaines de la Généralité de Paris, les sieurs Coquinot & Brillon de Jouy, Receveur des Consignations de la dite Cour, & le sieur Comte de Caraman, Adjudicataire de l'Hôtel d'Auvergne, faisant partie des biens de la succession des Demoiselles de Trente & de Flemingh, adjudgée au Roi à titre d'aubaine. Qui juge que les Receveurs du Domaine sont en leur qualité, & au titre de leurs Offices, seuls dispositaires des deniers des successions adjudgées au Roi, & provenant de la vente des biens d'icelles, quell que soit le nombre des Créanciers opposans & la nature de leurs créances, encore les dits biens ayant été judiciairement vendus, qu'il s'agisse d'en dsitribuer le prix en Justice entre les dits Créanciers, & qu'il y ait sur cela instance de preference ou d'ordre. Reçoit en consequence le Receveur des Domaines opposant à la contrainte décernée par le Receveur des Consignations, contre l'Adjudicataire du dit Hôtel, déboute les dits Receveurs de leurs demandes à fin du dépôt dans leur caisse, tant du susdit prix, & de celui à provenir de la vente des autres immeubles des successions de Trente & Flemmingh, que des deniers provenans soit de la vente des meubles soit des arrerages des rentes, loyers & fermages, & de tous autres deniers mbiliers dépendans des dites successions, & les condamne en tous les dépens. Du 22 Mars 1765. Extrait des registres de la Cour des Aydes. 7p. -- Arrest du Conseil d'Etat du Roi, et Lettres Patentes sur Icelui. Registrées en la Chambres des Comptes. Qui ordonnent que les arrérages des Rentes à quatre pour cent, créés par l'Edit du mois d'Avril 1758, continueront d'être acquittés par les payeurs des Rentes de l'Hotel de Ville de Paris. Du 234 Mai 1765. Extrait des Registres du Conseil d'Etat. 3p. -- Arrest du Conseil d'Etat du Roi, et Lettres Patentes sur Icelui, registrées dans la Cour des Aides. Qui ordonnent que Julien Alaterre sera mis en possession de la régie & perception, pour le compte du Roi, des Droits réunis. Des 18 Mai & 26 Juin 1765. Extrait des Registres du Conseil d'Etat. 11p. -- Lettres Patentes du Roi, qui rapprochent les Payemens des Rentes sur l'Hotel-de-Ville de Paris, & les règlent à époques fixes, de semestre en semestre. Données à Versailles le 15 Aout 1784. Registrées en Parlement le 31 des mêmes mois & an. 4p. -- Lettres Patentes du Roi, concernant les Baux à Cens dans le resort de la Coutume de Saint-Quentin. Données à Versailles le 4 Mars 1786. Registrées en Parlement le vingt-un Mars mil sept cent quatre-vingt-six. [1786] 3p.

France (1783). *Sociétés d'Actions Survivancières, en faveur des enfans au-dessous de huit ans & des personnes âgées de plus de soixante; ouvertes avec l'agrément du Roi, par leurs altesses sérénissimes Monseigneur le Duc & Madame la Duchesse de Chartres.* [pamphlet]. - Chartres: De l'Imprimerie de D'Houry, 1783. - 7 pages. [RKN: 43934]

France (1787). *Arrêt du Conseil d'Etat du Roi qui autorise a perpetuité l'Etablissement des Assurances sur la Vie, avec Privilège exclusif pendant quinze années. Du 3 Novembre 1787.* [pamphlet]. - Paris: chez N H Nyon, Imprimeur du Parlement, 1787. - 8 pages. [RKN: 82521]

'Document grants the rights for the first life assurance company in France, Compagne Royale d'Assurance. bearing printed

signature of Le Baron de Breteuil' - TA Sibbett FIA

'Arrêt' of King Louis XVI (r. 1774-1792) of France.

Acquired from the collection and estate of Trevor Sibbett FIA.

France (1788). *Arrêt du Conseil d'Etat du Roi confirmatif du privilège exclusif de la Compagne Royale d'Assurance sur la Vie. Du 27 Juillet 1788.* [pamphlet]. - Paris: chez P G Simon & N H Nyon, Imprimeurs du Parlement, 1788. - 4 pages. [RKN: 82532]

'Document of 27 July 1788 confirms the privileges granted to Compagne Royale d'Assurance sur la Vie on 3 November 1787.

Printed signature of Laurent de Villedeuil' - TA Sibbett FIA

'Arrêt' of Conseil of King Louis XVI (r. 1774-1792) of France.

Acquired from the collection and estate of Trevor Sibbett FIA.

France (1852;1853). *Des sociétés de secours mutuels en France.* [pamphlet]. 1852;1853. [RKN: 9817]

France (1868). *Caisses d'Assurance. Instruction générale sur la service des caisses d'assurance en cas de décès et en cas d'accidents.* [book]. - Paris: 1868. [RKN: 4921]

France (1873). *Statistique de la France. Résultats généraux du dénombrement de 1872.* [book]. - Paris: 1873. [RKN: 2856]

France (1882). *Documents financiers sur les compagnies d'assurances à primes fixes vie - incendie - marine. 1820-80.* [pamphlet]. - Paris: 1882. [RKN: 40426]

France (1898). *Rapport sur les opérations et la situation des caisses d'assurances en cas de décès et en cas d'accidents: année 1897.* [pamphlet]. - Paris: Imprimerie Nationale, 1898. - 28 pages. [RKN: 71347]

France (c1828). *Naissances et décès, 1817-1828.* [pamphlet]. c1828. [RKN: 40643]

France. Académie Royale des Sciences (1788). *Projet d'une tontine perpetuelle, approuvé par l'Académie Royale des Sciences. Adressé à nos seigneurs les Etats-Généraux.* [book]. - Paris: 1788. - 30 pages. [RKN: 20290]

France. Administrateurs de l'Engistrement et des Domaines Nationaux (1791). *Tontine nationale: Un Décret de la Convention, du 26 du mois dernier, établit une Tontine nationale, divisée en Actions, dont la recette est confiée aux Receveurs de notre Administration.* - Circulaire No. 801. [pamphlet]. - Paris: 1791. - 1 vols. - [5] pages. [RKN: 43747]

France. Agence Générale (1821). *Placements voyageurs. Extrait des statuts de l'Agence Generale 1820-21.* [pamphlet]. 1821. [RKN: 40640]

France. Assemblée National. Comité des Pensions (1790). *Livre Rouge.* [book]. - Paris: chez Baudoin, Imprimeur Nationale, 1790. - 39 pages. [RKN: 43740]

'Livre Rouge' prepared by Assemblée Nationale of revolutionary France, 'is a Register of spending' listing pension and other payments to French nobles and aristocrats paid at the order of the king in the reign of Louis XV, dating from 1774 to 1789. -- Contemporary manuscript annotations recording 'protestations' from names appear before title page.

France. Caisse de Placemens en Viager (1802). *Caisse de Placemens en Viager, établie à Paris, rue Saint-Méry, n° 440, et rue du Renard Saint-Méry, n° 435. Instituée à Paris le 1er Messidor An X (1802).* [pamphlet]. - Paris: De l'Imprimerie De Dentu, 1802. - 2 brochures vols. - 83 (1-32; [33]-83), [1] pages. [RKN: 43213]

'Il ne faut pas perdre de vue la différence qui existe entre une tontine et notre caisse. Dans une tontine, tout est éventuel; chez nous tout est prévu: dans une tontine, on doit attendre des recensemens, des comptes annuels et des distributions au marc la livre; chez nous tout compte est superflu. On repose sur des certitudes que rien peut détruire; constatez votre vie; votre à relatif est connu, il indique seul la rente qui vous est due et qui vous est payée sans formalités et sans retar. Note de la page 11' - t.p. -- Two brochures with continuing pagination numbering. -- Acquired with some pages uncut - pages cut to allow bibliographic description

France. Caisse Générale d'Epargne et de Retraite (1897). *Compte rendu des opérations et de la situation de la Caisse Générale d'Epargne et de Retraite, instituée par la loi du 16 Mars 1865 sous la garantie de l'État.* [pamphlet]. - Brussels: Imprimerie Bruylant-Christophe, 1897. [RKN: 71343]

France. Commission Supérieure d'Encouragement et de Surveillance des Sociétés de Secours Mutuels (1852). *Rapport à l'Empereur sur la situation des sociétés de secours mutuels présenté par la Commission Supérieure d'Encouragement et de Surveillance des Sociétés de Secours Mutuels.* [pamphlet]. 1852. [RKN: 40158]

Collected papers: Des sociétés de secours mutuels in France.

France. Commission Supérieure de la Caisse Nationale des Retraites pour la Vieillesse (1898). *Rapport de la Commission Supérieure de la Caisse Nationale des Retraites pour la Vieillesse...année 1897.* [pamphlet]. - Paris: Imprimerie Nationale, 1898. - 131 pages. [RKN: 71348]

France. Hospices Civils de Paris (1802). *Tableaux à joindre au Rapport sur les Hospices Civils de Paris. Fructidor An XI.* [report]. - Paris: De l'Imprimerie des Hospices Civils, 1802. - [50] pages. [RKN: 43476]

Dated 'An XI' of France's Revolution period calendar, 1802 -- Library holds only this appendix volume of tables, not the full Rapport. -- Pages of Tables are unnumbered instead referencing the relevant page number in the full 'Rapport'. -- Survey of outcomes for patients, especially mothers and infants, at Hospices in Paris, during the era of the French Revolution

[France. Life Offices] (1889). *Tables de mortalité RF et AF.* [book]. 1889. [RKN: 2965]

Mortality experience of four French life offices for Annuitants and Assured

France. Loterie Royale (1700). *Edit du Roy portant creation de cinq cens mille livres de rentes viagères pour la Lotterie Royale donnée a Versaille au mois de May 1700. Registré en Parlement.* [pamphlet]. - Paris: De l'Imprimerie de Frédéric Léonard, 1700. - 8 pages. [RKN: 43475]

Prizes of life annuities offered to incentivise purchase of Loterie Royale tickets in France, 1700. No anticipated estimate of how long life annuities might be payable for the life of those winning the prizes is apparent in the document.

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Acts headed: 'Anno Regni Guilelmi et Mariae, Regis & Reginae Angliae, Scotiae, Franciae & Hiberniae, [Quarto, Quinto, Sexto] relating to the fourth (1692), fifth (1693) and sixth (1694) years of the reign of William III and Mary II.

Great Britain and Ireland. Parliament; [Price, Richard] (1789). *An Act for the More Effective Relief of the Poor. 6 July 1789.* [legislation]. - [London]: 1789. [RKN: 43210]

Scan copy of original scroll manuscript obtained from House of Commons Library. Digitised in 50 images of scroll in .tif format. -- This was a bill based on proposals of John Acland, A plan for rendering the poor independent of public contributions, founded on the basis of friendly societies called clubs, London, 1786. Introduced in the House of Commons in December 1787, it was not formally passed as an Act. The abortive proposal was effectively for a national insurance scheme, presented on an actuarial basis. -- Richard Price is known to have calculated the tables of calculations of contributions and pension and sickness benefits.

Great Britain and Ireland. Parliament (1794). *An Act for the Encouragement and Relief of Friendly Societies [21st June 1793]. Anno tricesimo tertio Georgii III Regis. Cap. LIV [33 Geo. III c. 54].* [pamphlet]. - Edinburgh: Printed by Mark and Charles Kerr, 1794. - 32; 7 pages. [RKN: 43323]

Title from p.3 preceded by title page: 'Anno Regni Georgii III. Regis Magnae Britanniae Franciae & Hiberniae, Tricesimo Tertio. At the Parliament begun and holden at Westminster, the twenty-fifth day of November, Anno Domini 1790, in the thirty-first year of the reign of our Sovereign Lord George the Third, by the Grace of God of Great Britain, France and Ireland, King, Defender of the Faith&c. And from thence continued, by several prorogations, the thirteenth day of December 1792; being the third session of the seventeenth Parliament of Great Britain'

Bound with An Act for more effectually carrying into execution an Act, made in the thirty-third year of the reign of His present Majesty, intituled, An Act for the Encouragement and Relief of Friendly Societies; and for extending so much of the powers thereof as relates to the framing rules and regulations for the better management of the funds of such Societies, and the appointment of Treasurers to other Institutions of a charitable nature [26th June 1795] Anno tricesimo quinto Georgii III Regis. Cap. CXI [35 Geo. III c. 111]

'The first Friendly Society legislation - [known as] the 'Rose Act' - TA Sibbett FIA note.

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First legislation to features a role ascribed for actuaries to perform. This law was later repealed in 1829.

Great Britain and Ireland. Parliament (1845). *An Act for consolidating in one act certain provisions usually inserted in acts with respect to the constitution of companies incorporated for carrying on undertakings of a public nature in Scotland.* [legislation]. 1845. [RKN: 71161]

Great Britain. Court of Exchequer (1852). *Report of the judgement delivered by the Court of Exchequer, in the case of Bellamy v. Marjoribanks on making the Rule Nisi (which had been obtained by the defendants) absolute for a new trial. 7th February 1852.* [pamphlet]. 1852. [RKN: 40111]

Great Britain and Ireland. House of Commons; Morgan, Arthur (1844). *First report of the Select Committee on Joint Stock Companies; together with the minutes of evidence (taken in 1841 and 1843): Appendix and index.* [facsimile reprint]. 1844. [RKN: 40036]

Evidence of Arthur Morgan of the cash account of the Equitable Society of 1840 -- Features in S Haberman & T A Sibbett (ed), History of actuarial science (1995)

Great Britain Mutual Life Assurance Society (n.d.). [Prospectus]. [commercial pamphlet]. n.d.. [RKN: 41231]
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"Sir Isaac Newton's Tables for renewing and purchasing of leases &c' - pre-title page to this fourth edition. This is a misattribution owing to dedicatory statement appearing in original publication of 1686. -- 1st edition originally published in 1686 with editions published 1700, 1722, 1726, 1729 by George Mabbutt. -- Library also holds 'The value of church and college leases considered', 2nd edition, 1722, bound in Tracts volume 27 (1722), and another 4th edition, bound in Tracts volume 27; and, Tables for renewing and purchasing of leases, annuities and reversions, 6th edition, 1808, bound in Tracts volume 22.

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Title continues as: 'by Sir Isaac Newton' - a misattribution owing to first edition having a dedicatory statement from Isaac Newton -- The sixth edition, carefully revised and corrected - t.p.

[Mabbutt, George] (1722). *The value of church and college leases consider'd; and the advantage of the lessees made very apparent.* - 2nd ed. [pamphlet]. - London: 1722. - iv, 26, [2] pages. [RKN: 40418]

Authorship sometimes attributed to Sir Isaac Newton, owing to dedicatory preface appearing in first edition of 1686

Macaulay, T B (1881). *Tables of the values of limited payment life policies (HM 4½ %).* [manuscript]. - Montreal: 1881. [RKN: 4677]

Macdonald, W C; Sanderson, Frank; Bradshaw, Thomas (1900). *Tables of net premiums and values. Based upon the Institute of Actuaries (Hm) table of mortality and interest at 3½ % for each 1,000 of insurance.* [book]. - Toronto: 1900. [RKN: 4678]

Macdonald, W R (1885). *Notes on the theory of logarithms.* [pamphlet]. - Edinburgh: 1885. [RKN: 40393]

MacDonald, William Rae (1876). *On some problems in the calculus of finite differences.* [pamphlet]. - London: 1876. - 31 pages. [RKN: 40694]

MacDonald, William Rae (1885). *Notes on the theory of logarithms.* [book]. - Edinburgh: 1885. [RKN: 986]

Also bound in Tracts, volume 26

Macfadyen, James R (1870). *The principles affecting the solvency of a life assurance company, and the best means of protecting the public against their violation.* [pamphlet]. - Glasgow: 1870. [RKN: 40373]

MacFarlane, Alexander (1879). *Principles of the algebra of logic, with examples.* [book]. - Edinburgh: 1879. [RKN: 924]

Mackay, Andrew (1804). *A collection of mathematical tables for the use of students in universities and academies, for the practical navigator, geographer and surveyor, for men of business &c.* [book]. - London; Edinburgh: Printed for Longman, Hurst, Rees and Orme; W J and J Richardson; Black and Parry; A. Constable and Co., 1804. - xvi, 64, 260 pages. [RKN: 42791]
Acquired from the collection and estate of Trevor Sibbett FIA

Mackay, Andrew (1811). *The description and use of the sliding rule in arithmetic and in mensuration of surfaces and solids: Also the description of the ship carpenter's sliding rule and its use applied to the construction of masts, yards &c: Together with the description and use of the gauging rule, gauging rod and ullage rule.* - 2nd ed. [book]. - Edinburgh: Printed for Oliphant, Waugh and Innes [etc.], 1811. - 138: ill. ; 22 cm pages. [RKN: 70854]

Mackenzie, Holt (1841). *Notes addressed to Mr Pennington on his pamphlet on the importation of foreign corn.* [pamphlet]. - London: Simpkin, Marshall & Co [etc.], 1841. - 40 pages. [RKN: 70996]

Maclagan, D (1867). *The education of an actuary.* [article offprint]. - London: 1867. - 8 pages. [RKN: 70664]

Reprinted from the Insurance Record -- Faculty holds a second copy bound within volume entitled: Actuarial Society Presidential Addresses 1863-96

MacLaren, James (1853). *On the impolicy of providing for a family by life insurance, recent discoveries in California and Australia: with a proposal for the establishment of a new office, upon a plan which would secure the assured from the effects of a fall in the value of gold.* [pamphlet]. - London: 1853. [RKN: 40455]

Maclaurin, Colin (1748). *An account of Sir Isaac Newton's philosophical discoveries, in four books.* [book]. - London: Printed for the author's children and sold by A Millar and J Nourse [etc.], 1748. - xx, 392 ; 26 cm pages. [RKN: 70864]

Maclaurin, Colin (1756). *A treatise of algebra in three parts: containing 1 The fundamental rules and operations; 2 The composition and resolution of equations of all degrees and the different affections of their roots; 3 The application of algebra and geometry to each other: To which is added an appendix concerning the general properties of geometrical lines.* - 2nd ed. [book]. - London: Printed for A Millar and J Nourse, 1756. - 432 ; 20 cm pages. [RKN: 70852]

- Maclaurin, Colin** (1801). *A treatise on fluxions, in two volumes*. - 2nd ed. [book]. - London: Printed for William Baynes ... and William Davis [etc.], 1801. - 2 vols. - 2v.(vi, 412; 342): ill.(41 copper plates) ; 24 cm pages. [RKN: 70853]
- Macleod, Henry Dunning** (1896). *The history of economics*. [book]. - London: 1896. [RKN: 6336]
- Magens, Nicolas** (1755). *An Essay on Insurances*. [book]. - London: Sold by W Baker, 1755. - 2 vols. [RKN: 9682]
English translation of 'Versuch über Assecuranzen, Havaereyen und Bodmereyen insgemein; und über verschieden hiebeygefügte wirkliche Vorfälle und deren Berechnungen insbesondere nebst einer Sammlung der vornehmsten alten neuen Verordnungen... von einem Kaufman in London', published by Conrad König, Hamburg, 1753.
- Mahillon, A** (1894). *Considérations pratiques sur l'examen medical en matière d'assurances sur la vie*. [book]. - Brussels: 1894. [RKN: 4985]
- Mahillon, Leon** (1891). *Les pensions de retraite ouvrières et les fonds spéciaux de retraite*. [pamphlet]. - Brussels: 1891. [RKN: 41975]
Collected papers: Papers on foreign social insurance schemes 1881-1938
- Maingie, Louis** (1897). *L'assurance contre l'invalidité et la vieillesse en Allemagne*. [pamphlet]. - Brussels: 1897. [RKN: 41976]
Collected papers: Papers on foreign social insurance schemes 1881-1938
- Maingie, Louis** (1897). *Repartition et capitalisation*. [pamphlet]. - Brussels: 1897. [RKN: 42044]
Collected papers: Papers on life contingency and invalidity theory 1885-1937
- Mainz (Germany)** (1768). *Gründliche Nachricht der Verfassung der Chur-Maynzilichen Neuaufgerichteten Leib-Renten Gesellschaft. Maynz, gecruckt in der Churfüstl. Privil. und der Gesellschafts-Buchdruckerey*. [pamphlet]. - Mainz: bey J B Mailandt, 1768. - [8], 32 pages. [RKN: 82542]
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- Mair, John** (1794). *Arithmetic, rational and practical: Wherein the properties of numbers are clearly pointed out; the theory of science deduced from first principles ... and the whole reduced to practice in a great variety of useful rules: Consisting of three parts: 1 Vulgar arithmetic; 2 Decimal arithmetic; 3 Practical arithmetic*. - 5th ed. [book]. - Edinburgh: Printed for Bell & Bradfute [etc.], 1794. - xii, 615 (+ 4 plates) ; 22 cm pages. [RKN: 70851]
- Maison de Banque** ([c1830]). *Société d'avances mutuelles sur garanties: Extrait du 35e Bulletin*. [pamphlet]. [c1830]. [RKN: 40646]
Extracts from Bulletin de la Maison de Banque 35 and 45.
- Maison de Banque** ([c1830]). *Société d'avances mutuelles sur garanties: Extrait du 45e Bulletin*. [pamphlet]. [c1830]. [RKN: 40642]
Extracts from Bulletin de la Maison de Banque, 35 and 45.
- Maitland, William** (1739). *The history of London from its foundation by the Romans to the present time.: Containing a faithful relation of the publick transactions of the citizens; accounts of the several parishes; parallels between London and other great cities; its governments, civil, ecclesiastical and military; commerce and state of learning, charitable foundations, &c.: With the several accounts of Westminster, Middlesex, Southwark, and other parts within the Bills of Mortality... / by William Maitland..* [book]. - London: printed by Samuel Richardson, 1739. - 800, [14] p., 24 p. of plates: ill. ; 42 cm. pages. [RKN: 41330]
In nine books [including]: III. A political account of London, shewing by the Bills of Mortality, the several gradations whereby she arriv'd to her present magnitude; with the number of the present inhabitants, calculated by a method entirely new; together with a comparison between the number of members of the established Church, and that of other denominations within the Bills of Mortality; the difference between the number of numbers of males and females within the said district; and the numbers of persons of all ages, who die in the several decades of life; with certain parallels, whereby the City of London is compar'd...
- Maitland, William; Sprengell, Conrad** (1744). *Remarks upon the aforesaid Bills of Mortality for the Cities of Dresden and Augsburg [by Conrad Sprengell] by Mr. William Maitland, F.R.S..* [journal article]. London, 1744. [RKN: 43095]
Philosophical Transactions [of the Royal Society] (1744) **38**: 98.
- Makeham, William Matthew** (1859). *On the law of mortality and the construction of annuity tables*. [journal article;facsimile reprint]. 1859. [RKN: 40019]
JIA (1859) **8**: 301-310.
Features in S Haberman & T A Sibbett (ed), History of actuarial science (1995) -- Featured in 'Some Landmarks in Actuarial Science', exhibition, November 1985
- Makeham, William Matthew** (1867). *On the law of mortality*. [journal article;facsimile reprint]. 1867. [RKN: 40053]
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- Makgill, George** (1853). *Remarks on the amount, character, and distribution of crime in Scotland; with statistical tables*. [pamphlet]. - Edinburgh: 1853. [RKN: 40812]
- Mallet, Edouard** *Recherches historiques et statistiques sur la population de Genève, son mouvement annuel et sa longevité, depuis le XVIIe siècle jusqu'à nos jours (1549-1833)*. [journal article]. [RKN: 12703]
Annales d'Hygiène Publique et de Médecine Legale (1837) **17**: 5-172.
- Malthus, Thomas Robert** (1806). *An essay on the principle of population or a view of its past and present effects on human happiness*. - 3rd ed. [book]. - London: J Johnson, 1806. - 2 vols. - (xvi, 505, [61]; vii, [1], 559, [1]) pages. [RKN: 20010]
Library holds 3rd (1806) and 6th (1826) editions -- This does not differ significantly from the 1803 (second) edition (checked at BL 30/4/84) -- The 3rd edition (1806) is identical to the [4th] edition (1807) except that some chapters have been placed in different volumes

Malthus, Thomas Robert (1820). *Principles of political economy considered with a view to their practical application*. [book]. - London: John Murray, 1820. - vi,601 pages. [RKN: 9119]

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Institute: Library holds 3rd (1806) and 6th (1826) editions

Malthus, Thomas Robert (1827). *Definitions in political economy: Preceded by an inquiry into the rules which ought to guide political economists in the definition and use of their terms: With remarks on the deviation from these rules in their writings*. [book]. - London: John Murray, 1827. - viii, 261 ; 20 cm pages. [RKN: 70850]

Malthus, Thomas Robert (1895). *Parallel chapters from the first and second editions of an essay on the principle of population. 1798; 1803*. [book]. - New York NY (USA): 1895. [RKN: 2138]

Malynes (Malines), Gerard (1636). *Consuetudo, vel Lex Mercatoria: or, The Ancient Law-Merchant: Divided into three parts, according to the essential parts of trafficke: Necessary for all Statesmen, Judges, Magistrates, temporal and civile Lawyers, Mint-men, Merchants, Mariners, and all others negotiating in all places of the world*. - 2nd ed. [book]. - London: Printed by Adam Islip and to be sold by Nicolas Bourne, 1636. - 1 vols. - [8], 333 pages. [RKN: 42934]

Bound with: Richard Dafforne. The Merchant's Mirrour: or Directions for the Perfect Ordering and Keeping of his Accounts.

Framed by way of debtor and creditor, after the (so teamed) Italian-manner: containing 250 rare questions, with their answers, in form of a dialogue. London: Printed by R Young, 1636 -- Spine title: Lex Mercatoria -- The CII Library has a copy of the 1629 edition.

Malynes (Malines), Gerard (1686;1981 reprint). *Consuetudo, vel, Lex Mercatoria: or, the Ancient Law-Merchant: Divided into three parts, according to the essential parts of Traffick: Necessary for all statesmen, judges, magistrates, temporal and civil lawyers, mint-men, merchants, mariners, and all others negotiating in all places of the world*. - 3rd ed. [facsimile reprint]. - London; Abingdon: Printed for J Redmayne. Professional Books, 1686;1981 reprint. - 2 vols. [RKN: 20199]
The CII Library has a copy of the 1629 ed

Manchester Unity Friendly Society Independent Order of OddFellows; Ratcliffe, Henry (1872). *Independent Order of Oddfellows, Manchester Unity Friendly Society. Supplementary report 1 July 1872*. [corporate document]. 1872. [RKN: 6056]

Manchester Unity Friendly Society Independent Order of OddFellows; Leslie, George (1892). *Valuation report of the Widow and Orphans Society, Wellington District, M.U., I.O.O.F., as at the 31st December 1891*. [corporate document]. - New Zealand: Fredk. G Routh [printer], 1892. [RKN: 71121]

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Manly, H.W (1899). *Report on the Valuations of the Equitable Life Assurance Society*. [book]. 1899. [RKN: 43128]
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Manly, Henry (1868). *The principles of bookkeeping by double entry*. - 2nd ed. [book]. - London: Stanford, 1868. - 117 pages. [RKN: 7141]

Manly, Henry William (1900). *Equitable Life Assurance Society*. [pamphlet]. - London: 1900. - 16 pages. [RKN: 71371]

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*. [pamphlet]. - Sydney: 1841. [RKN: 40846]

[Marcet, Jane] (1817). *Conversations on political economy; in which the elements of that science are familiarly explained*. - 2nd ed. [book]. - London: printed for Longman, Hurst, Rees, Orme, and Brown, 1817. - xii, 486 p. pages. [RKN: 41311]
"By the author of "Conversations on chemistry" - t.p. -- Spine label: Marcet: Political economy

Marcinowski, F (1887). *Die in Preussen neben der Staatslotterie zugelassenen Lotterie-Unternehmungen*. [pamphlet]. - Berlin: 1887. [RKN: 42072]
Collected papers: Papers on provident funds 1876-1906

Marie, Leon (1890). *Traité mathématique et pratique des opérations financières*. [book]. - Paris: 1890. [RKN: 4321]

Marie, Leon (1893). *Rapport fait au nom de la Commission de Comptabilité Statistique et Financière des Sociétés de Secours Mutuels*. [pamphlet]. - Paris: 1893. [RKN: 6306]

Mariners' and General Life Assurance Company (n.d.). [Prospectus]. [commercial pamphlet]. n.d.. [RKN: 41247]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Marr, T (1874). *Terminable annuity tables shewing the principal included in the annual sum required to repay 100 pounds and interest at 3, 3¼, 3½, 3¾, 4, 4¼, 4½, 4¾, 5, 5¼, 5½ and 5¾ per cent. Within any period from 2 to 30 years inclusive*. [book]. - Glasgow: 1874. [RKN: 4409]

Marr, T (1882). *Notes upon insurance and the practical working of a life assurance fund, being the inaugural address for session 1882-83*. [journal article]. - London: Charles & Edwin Layton, 1882. [RKN: 71083]
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Marryat, Joseph (1810). *The substance of a speech delivered by Joseph Marryat, Esq. in the House of Commons, on Tuesday the twentieth of February, 1810 upon Mr Manning's motion for the appointment of a Select Committee, to consider of the 6th of George the First; and of our present means of effecting marine insurance.* [pamphlet]. - London: printed by W Hughes for J M Richardson, 1810. - 40 p. pages. [RKN: 41442]

Marryat, Joseph (1810). *Observations upon the report of the Committee on Marine Insurance, with a few incidental remarks on a pamphlet lately published, entitled "A letter to Jasper Vaux, Esq.": To which is added, Copy of a report, proposed as an amendment to the report adopted by the Committee on Marine Insurance: / by Joseph MArryat, Esq. M.P..* [pamphlet]. - London: printed by W Hughes; sold by J M Richardson, 1810. - 64, 28 p. pages. [RKN: 41443]
Two documents bound in reverse order to titles above.

Marsh, E J (1895). *Insured lives as affected by gout.* [pamphlet]. Mutual Life Insurance Company of New York, 1895. - 18 pages. [RKN: 71146]

Marsh, E J (1895). *Value of family history and personal condition in estimating a liability to consumption.* [pamphlet]. Mutual Life Insurance Company of New York, 1895. - 23 pages. [RKN: 71147]

Marsh, E J (1895). *Reports on asthma and on biliary and renal colic and calculus.* [pamphlet]. Mutual Life Insurance Company, 1895. - 12 pages. [RKN: 71426]

Marsh, E J (1896). *Mortality from casualties.* [pamphlet]. Mutual Life Insurance Company of New York, 1896. - 36 pages. [RKN: 71148]

Marsh, E J (1896). *Mortality from suicides.* [pamphlet]. - New York NY (USA): Mutual Life Insurance Company of New York, 1896. - 16 pages. [RKN: 71145]

Marshall, J (1823). *Tables of interest at four per cent. From 1 to 365 days, and from £1 to £10,000, with equalizing tables, shewing the corresponding interest at various other rates: to which are added, tables of compound interest, annuities, commission, and values of stocks: also, tables of exchanges betwixt Britain and the principal trading-places in the world; and of the values of the principal gold and silver coins of all countries.* [book]. 1823. [RKN: 70616]

Marshall, J (1831). *An account of the population in each of six thousand of the principal towns and parishes in England and Wales, as returned to Parliament at each of the three periods, 1801, 1811 and 1821.* [book]. - London: ... R Jennings and W Chaplin, 1831. - 131 ; 32 cm pages. [RKN: 70857]

Marshall, J (1832). *Mortality of the metropolis: A statistical view of the number of persons reported to have died, of each of more than 100 kinds of disease, and casualties within the bills of mortality, in each of the two hundred and four years, 1629-1831.....* [book]. - London: 1832. [RKN: 3838]

Marshall, J (1834). *A digest of all the accounts relating to the population, productions, revenues, financial operations, manufactures, shipping, colonies, commerce, etc of the United Kingdom of Great Britain and Ireland, diffused through more than 600 volumes and journals, reports and papers presented to Parliament during the last thirty-five years: In two parts with a separate index to each.* [book]. - London: 1834. [RKN: 20024]

Marshall, J (1855). *Tables and tracts connected with the valuation, whether of annuities and assurances contingent on the duration of life, or of sums and annuities certain. With various formulae, and incidental notices.* [book]. - Jamaica: 1855. [RKN: 4578]

Marshall, Samuel (1802). *A treatise on the law of insurance, in four books: 1 Of marine insurance; 2 Of bottomry and respondentia; 3 Of insurance upon lives; 4 Of insurance against fire.* [book]. - London: Printed by A Strahan ... for J Butterworth, 1802. - 2v.(xviii, 362; 759) ; 24 cm pages. [RKN: 70856]

Marshall, Samuel (1808). *A treatise on the law of insurance.* - 2nd ed. [book]. - London: 1808. - 2 vols. [RKN: 8392]

Martin, Benjamin (1740). *Logarithmologia, or the whole doctrine of logarithms, common and logistical, in theory and practice, in three parts.* [book]. - London: Printed for J Hodges, 1740. - xii,246,[2],62,[2] pages. [RKN: 987]

Martin, C; Essex Provident Society (1850). *Report on the affairs of the Essex Provident Society.* [corporate document]. - Chelmsford: 1850. [RKN: 40381]

Martin, Charles; Essex Provident Society (1850). *Report on the affairs of the Essex Provident Society..* [corporate document]. - Chelmsford: 1850. [RKN: 40749]

Martin, W (1873). *The social crisis in England. A letter addressed by permission to the Rt Hon The Earl of Shaftesbury.* [pamphlet]. - Birmingham: 1873. [RKN: 40227]

Martindale, Adam (1692). *The country-survey book: or Landmeters Vade-Mecum: Wherein the principles and practical rules for surveying of land, are so plainly (though briefly) delivered, that any one of ordinary parts (understand how to add, subtract, multiply and divide) and may by the help of this small treatise done and a few cheap instruments easy to be procured, measure a parcel of land, and with judgement and expedition, plot it, and give up the content thereof: With an appendix, containing twelve problems touching compound interest and annuities; and a method to contract the work of fellowship and alligation alternate, very considerably in many cases.* - 2nd ed. [book]. - London: Printed for R Clavell... and T Sawbridge, 1692. - [12], 234 pages. [RKN: 20203]
1st edition published 1682 -- Spine label: Country survey book

Marx, Karl; Engels, Frederick (ed) (1889). *Capital: a critical analysis of capitalist production: Translated from the third German edition, by Samuel Moore and Edward Aveling.* - stereotyped ed. [book]. - London: Swan Sonnenschein and Co, 1889. - 2 vols. - xxxi, 1-363; [i], 365-816 pages. [RKN: 20212]

A stereotyped reprint of the rare first edition in English of Marx's most famous work. This edition contains an appendix of works and authors quoted in Capital

Maseres, Francis (1772;1773). *A proposal for establishing life-annuities in parishes, for the benefit of the industrious poor* [bound with] : *Considerations on the Bill now depending in the House of Commons for enabling Parishes to grant Life-Annuities to poor persons, upon purchase, in certain circumstances, and under certain restrictions. Being an Appendix to the pamphlet, intituled "A Proposal for Establishing Life-Annuities in Parishes for the Benefit of the Industrious Poor."* [book]. - London: Printed for Benj. White, 1772;1773. - 68; 59 pages. [RKN: 20213]

Bound together with: Considerations on the Bill now depending in the House of Commons for enabling Parishes... being an Appendix to the Pamphlet, intituled A Proposal for Establishing Life-Annuities in Parishes for the Benefit of the Industrious Poor. London, 1773

Annotations in old hand on title page, pages 10, 26-28 etc

('Proposal' also outlined in The Public Advertiser, 22 July 1771 - Library has photocopies from copy held by private owner.)

Acquired from the collection and estate of Trevor Sibbett FIA..

Maseres, Francis (1773). *Considerations on the Bill now depending in the House of Commons for enabling Parishes to grant Life-Annuities to poor persons, upon purchase, in certain circumstances, and under certain restrictions. Being an Appendix to the pamphlet, intituled "A Proposal for Establishing Life-Annuities in Parishes for the Benefit of the Industrious Poor."* [book]. - London: Printed for Benj. White, 1773. - 59 pages. [RKN: 82536]

Bound with: *A Proposal for Establishing Life-Annuities in Parishes for the Benefit of the Industrious Poor.* London, 1772

Annotations in old hand on title page, pages 10, 26-28 etc

('Proposal' also outlined in The Public Advertiser, 22 July 1771 - Library has photocopies from copy held by private owner.)

Acquired from the collection and estate of Trevor Sibbett FIA.

Maseres, Francis (1783). *The principles of the doctrine of life annuities; explained in a familiar manner, and accompanied with a variety of new tables of the values of such annuities at several different rates of interest, both for single lives, accurately computed from observations.* [book]. - London: 1783. [RKN: 20063]

Maseres, Francis (ed) (1791). *Scriptores Logarithmici; or A Collection of several curious tracts on the nature and construction of logarithms: Volume 1.* [pamphlets collection (bound)]. - London: 1791. - cxxi + 38 pages. [RKN: 20011]

Maseres, Francis (ed) (1791). *Scriptores logarithmici; or a collection of several curious tracts on the nature and construction of logarithms: Volume 2.* [pamphlets collection (bound)]. - London: 1791. - 591 pages. [RKN: 20012]

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Maseres, Francis (ed) (1795). *The doctrine of permutations and combinations, being an essential and fundamental part of the doctrine of chances; as it is delivered by Mr James Bernoulli, in his excellent treatise on the doctrine of chances, intituled Ars Conjectandi, and by the celebrated Dr John Wallis, of Oxford, in a tract intituled from the subject, and published at the end of his treatise on algebra, in the former of which tracts is contained, a demonstration of Sir Isaac Newton's famous binomial theorem, in the cases of integral powers, and of the reciprocals of integral powers, together with some other useful mathematical tracts.* [book]. - London: 1795. - 606 pages. [RKN: 1486]

Maseres, Francis (ed) (1796). *Scriptores logarithmici; or a collection of several curious tracts on the nature and construction of logarithms: Volume 3.* [pamphlets collection (bound)]. - London: 1796. - 791 pages. [RKN: 20013]

Maseres, Francis (ed) (1801). *Scriptores logarithmici; or a collection of several curious tracts on the nature and construction of logarithms: Volume 4.* [pamphlets collection (bound)]. - London: 1801. - 700 pages. [RKN: 20014]

Maseres, Francis (ed) (1804). *Scriptores logarithmici; or a collection of several curious tracts on the nature and construction of logarithms: Volume 5.* [pamphlets collection (bound)]. - London: 1804. - 866 pages. [RKN: 20015]

Maseres, Francis (ed) (1807). *Scriptores logarithmici; or a collection of several curious tracts on the nature and construction of logarithms: Volume 6.* [pamphlets collection (bound)]. - London: 1807. - 958 pages. [RKN: 20016]

Masius, E A (1846). *Lehre der Versicherung und statistische Nachweisung aller Versicherungs-Anstalten in Deutschland.* [book]. - Leipzig: 1846. [RKN: 8017]

Masters, A J (1885). *The modern extension of the liabilities of marine underwriters..* [pamphlet]. - Melbourne: 1885. [RKN: 40358]

Mathematical and statistical tables 1899-1939. [pamphlets collection (bound)]. 1899-1939. [RKN: 2564]

Mathematics, etc. Papers by Benjamin Gompertz, M Kreil and John F W Herschel and issue no 19 of the Artizan, 1848. [pamphlets collection (bound)]. 1820-1850. [RKN: 783]

Mathews, William (1870). *On the valuation of annuities and reversions dependent upon terms of certain duration.* [pamphlet]. 1870. - 26 pages. [RKN: 70933]

Matthiessen, E A (1817). *Tabula ad expeditiorem calculum logarithmi.* [manuscript]. - Altona: 1817. [RKN: 1425]

One copy has an introduction in German and belonged to Francis Baily -- 4 sides of manuscript mathematical notes, now loose at front of book

May, T E (Sir) (1844). *A treatise upon the law, privileges, proceedings and usage of parliament.* [book]. - London: 1844. [RKN: 8235]

- McCall, J A** (1898). *A review of life insurance from the date of the First National Convention of Insurance Officials, 1871-1897.* [book]. - Milwaukee WI (USA): 1898. [RKN: 8091]
- McCandlish, John M** ([1866-1895]). *Contributions to the study of insurance, fire and life as a science and an art.* [book]. [1866-1895]. [RKN: 70342]
Consists of papers read to professional societies and printed among their Transactions 1866-1895
- McClintock, Emory** (c1874). *Proposition for ascertaining the real cost of life insurance, submitted to the National Insurance Convention at its session in 1874.* [pamphlet]. c1874. [RKN: 40282]
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Philosophical Transactions [of the Royal Society] (1788) **78**: 331-349.

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- Morgan, William** (1788). *On the probabilities of survivorships between two persons of any given ages, and the method of determining the values of reversions depending on those survivorship*. [journal article]. 1788. - 9 pages. [RKN: 44186]
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 Papers from the Philosophical Transactions, read at the Royal Society 1788-1800 -- Spine lettering: "William Morgan's Articles in Phil. Trans" (AN: 5791) -- Spine lettering: "Morgan on Survivors" (AN: 31274) -- AN: 31274 does not contain the fifth article of 1800
- Morgan, William** (1788-1800). [*Papers on survivorships read before the Royal Society*]. [book]. 1788-1800. - 19, 16, 33, 41, 24 ; 28 cm pages. [RKN: 70860]
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- Morgan, William** (1789). *On the method of determining, from the real probabilities of life, the value of a contingent reversion in which three lives are involved in the survivorship: (Read at the Royal Society, London, 29 January, 1789)*. [journal article]. - London: 1789. - 16 pages. [RKN: 44182]
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- Morgan, William** (1789). *On the method of determining, from the real probabilities of life, the value of a contingent reversion in which three lives are involved in the survivorship*. [journal article]. - London: 1789. - 1 pages. [RKN: 44187]
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- Morgan, William** (1791). *On the method of determining, from the real probabilities of life, the value of contingent reversions in which three lives are involved in the survivorship: (Read at the Royal Society, London, 26 May, 1791)*. [journal article]. - London: 1791. - 33 pages. [RKN: 44183]
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- Morgan, William** (1791). *On the method of determining, from the real probabilities of life, the value of contingent reversions in which three lives are involved in the survivorship: (Read at the Royal Society, London, 26 May, 1791)*. [journal article]. - London: 1791. - 3 pages. [RKN: 44188]
Philosophical Transactions of the Royal Society of London... Abridged (1791-1796) **17**: 72-74.
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- Morgan, William** (1794). *On the method of determining, from the real probabilities of life, the value of contingent reversions in which three lives are involved in the survivorship: (Read at the Royal Society, London, 15 May, 1794)*. [journal article]. - London: 1794. - 33 pages. [RKN: 44184]
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- Morgan, William** (1794). *On the method of determining, from the real probabilities of life, the value of contingent reversions in which three lives are involved in the survivorship: (Read at the Royal Society, London, 15 May, 1794)*. [journal article]. - London: 1794. - 26/03/2009 pages. [RKN: 44189]
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- Morgan, William** (1796;1797;1801). *Morgan on finance*. [book]. 1796;1797;1801. [RKN: 9381]
- Morgan, William** (1796). *Additional facts, addressed to the serious attention of the people of Great Britain, respecting the expences of the war and the state of the national debt*. - 4th ed. [pamphlet]. - London: Printed for J Debrett [etc.], 1796. - 53 pages. [RKN: 71492]
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- Morgan, William** (1796). *Facts addressed to the serious attention of the people of Great Britain respecting the expence of the war, and the state of the national debt*. - 4th ed. [book]. - London: Printed for J Debrett [etc.], 1796. - v, 48 pages. [RKN: 71491]
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- Morgan, William** (1796). *Facts addressed to the Serious Attention of the People of Great Britain....* - 4th ed. [book]. 1796. [RKN: 43114]
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- Morgan, William** (1797). *An appeal to the people of Great Britain, on the present alarming state of the public finances, and of public credit*. - 4th ed. [book]. - London: Printed for J Debrett, 1797. - vii, 84 pages. [RKN: 71493]
 Nothing on spine and no title page

Morgan, William (1797). *An appeal to the people of Great Britain, on the present alarming state of the public finances, and of public credit.* - 4th ed. [book]. 1797. [RKN: 43115]
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Morgan, William (1800;1793;1797). *Three tracts.* [pamphlets collection (bound)]. 1800;1793;1797. [RKN: 9974]

Morgan, William (1800). *On the method of determining, from the real probabilities of life, the value of contingent reversions in which three lives are involved in the survivorship: (Read at the Royal Society, London, 12 December, 1799).* [journal article]. - London: 1800. - 24 pages. [RKN: 44185]

Philosophical Transactions [of the Royal Society] (1799) **90**: 22-46.

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Morgan, William (1801). *A comparative view of the public finances, from the beginning to the close of the late administration.* [book]. - London: Printed...by Wilson & Co for J Debrett, 1801. - 75 pages. [RKN: 71494]
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Morgan, William (1803). *A Comparative View of the Public Finances.* - 2nd ed. [book]. 1803. [RKN: 43116]
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Morgan, William (1803). *A Supplement to a Comparative View of the Public Finances.* [book]. 1803. [RKN: 43117]
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Morgan, William (1815). *Memoirs of the life of the Reverend Richard Price.* [book]. - London: 1815. [RKN: 718]

Morgan, William (1821). *The principles and doctrine of assurances, annuities on lives, and contingent reversions stated and explained.* [book]. - London: 1821. [RKN: 20056]

Morgan, William (1821). *The principles and doctrine of assurances, annuities on lives, and contingent reversions stated and explained [with added manuscript tables and notes].* [book;manuscript]. - London: Printed for Longman, Hurst, Rees, Orme and Brown, 1821. [RKN: 43120]

Appended to the printed publication are 23 manuscript pages by William Morgan, demonstrating logarithm calculations of life expectations and values of annuities and explanations -- Equitable Life Assurance Society archive reference EL935B

Morgan, William (1828). *A view of the rise and progress of the Equitable Society, and of the causes which contributed to its success. With remarks on some of the late misrepresentations respecting the rules and practice of the Society.* - [1st] ed. [book]. - London: 1828. [RKN: 44301]

Morgan, William (1829). *A view of the rise and progress of the Equitable Society, and of the causes which contributed to its success. With remarks on some of the late misrepresentations respecting the rules and practice of the Society.* - 2nd ed. [book]. - London: 1829. [RKN: 40539]

Morgan, William (c1768-1826). 'Yearly computation of expected deaths and of accounts showing the state of the Society'. [manuscript]. c1768-1826. - 1 vols. [RKN: 44856]

Manuscript book of valuation and yearly mortality analysis of the experience of policyholders by William Morgan, Actuary to the Society for Equitable Assurances on Lives and Survivorships, as featured among the Archive of the Equitable Life Assurance Society acquired by the Institute of Actuaries in November 2006, valuing and presenting the Society's financial condition and presenting annual report of the mortality experience of its policyholders year by year. -- Individual manuscript has reference EL/6/1/11 in Archive of the Equitable Life Assurance Society. -- Reproduced in Angus S Macdonald et al. (2010). *Chance and Assurance: manuscripts of the work of Thomas Bayes, James Dodson, Richard Price and William Morgan in the Archive of the Equitable Life Assurance Society* [DVD digital presentation, Institute of Actuaries, 2010]

Morgan, William (c1780). 'Tables of annual premiums and tables of survivorships'. [manuscript]. c1780. - 1 vols. [RKN: 44857]
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Morland, Samuel (1673). *The description and use of two arithmetrick instruments: Together with a short treatise, explaining and demonstrating the ordinary operations of arithmetrick. A likewise, a perpetual almanack, and several useful tables.* [book]. - London: 1673. [RKN: 1318]

For biographical information on Morland, see: 'A brief account of the life, writings, and inventions of Sir Samuel Morland' [by James Orchard Halliwell] 1838 (unpublished ms in BL) 'Pell's mss in Dr Birch's collection' 27-31 (BL 10825.c.32)

Morpurgo, Emilio (1877). *Die Statistik und die Socialwissenschaften: Einzig vom Verfasser autorisirte deutsche Ausgabe. Aus dem Italienischen.* [book]. - Jena: Hermann Costenoble, 1877. - [2],viii,550 + errata leaf; with folding map and 3 plates, and tables in the text pages. [RKN: 12320]

Morris, Corbyn (1747). *An Essay towards illustrating the Science of Insurance: Wherein it is attempted To fix, by precise Calculation, several important maxims upon this Subject; To solve various Problems, and Cases of Contest; and particularly to balance, whether it be nationally advantageous to insure the Ships of our Foreign Enemies. Addressed to the Right Hon. Henry Pelham, Esq; By the Author of A Letter from a Bystander.* [book]. - London: 1747. - xv, [i (blank)], 61, [1 (blank)] pages. [RKN: 20218]

'An Essay towards illustrating the Science of Insurance' bound with other works. -- Spine title: 'Commercial tracts' -- Features in S Haberman & T A Sibbett (1995). *History of actuarial science*, vol. VII

- Morris, Corbyn** (1747). *An essay towards deciding the important question, whether it be a national advantage to Britain to insure the ships of her enemies? addressed to the Right Honorable Henry Pelham.* [pamphlet]. - London: 1747. [RKN: 40174]
- Morris, Corbyn** ([1747]). *An essay towards deciding the important question, whether it be a national advantage to Britain to insure ships of her enemies?.* [book]. - London: printed by J Robinson, [1747]. - x, [1], 50 pages. [RKN: 15754]
Addressed to the Right Honorable Henry Pelham, Esq / by the author of a letter from a bystander - t.p
- Morris, Corbyn** (1751). *Observations on the Past Growth and Present State of the City of London.* [book]. - London: 1751. - [4], [1], 26, [3] pages. [RKN: 43141]
Library holds later reprint: Corbyn Morris, Observations on the past growth and present state of the city of London. Reprinted from 1751 edition. With a continuation of the tables to the end of the year 1757. Bound in T Birch, A collection of the yearly bills of mortality, from 1657 to 1758 inclusive, 1758. - RKN 3837
- Morris, Gael** (1735). *Tables for renewing and purchasing of leases as also for renewing and purchasing of lives with other necessary tables, for computing of interest either simple or compound.* [book]. - London: 1735. - 92 pages. [RKN: 20026]
- Morris, Harrison S** (1896). *A sketch of the Pennsylvania Company for Insurances on lives and granting annuities.* [book]. - Philadelphia PA (USA): J B Lippincott Company, 1896. - 168 p.: ill. pages. [RKN: 20028]
- Morrison, C** (1819). *An introduction to book-keeping: comprising inland and foreign trade: Morrison's introduction to book-keeping and business.* [book]. - Glasgow: R Chapman [printer], 1819. - xvi, 272 pages. [RKN: 70605]
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- Mortality Experience Committee** (1896-1899). *Reports 1 to 10 of the supervision of the Mortality Experience Committee.* [journal]. 1896-1899. [RKN: 2879]
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Journal of the Statistical Society (1881) **40(2)**: 177-261.
- Mortimer, Thomas** (1762). *Every man his own broker, or, a guide to exchange-alley: In which the nature of the several funds, vulgarly called the stocks, is clearly explained, and the mystery and iniquity of stock-jobbing laid before the public in a new and impartial light....* - 5th ed. [book]. - London: For S Hooper, 1762. - 211 pages. [RKN: 20103]
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- Mortimer, Thomas** (1791). *Every man his own broker.* - 11th ed. [book]. 1791. - 263 + folding table pages. [RKN: 20102]
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- Moschell, J** (1863). *Examen critique de l'assurance mutuelle de pension viagères de Genève contenant des tableaux indiquant les dates auxquelles les différentes séries peuvent espérer de toucher les seizièmes successifs de leur pension.* [pamphlet]. - Geneva: 1863. [RKN: 40712]
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- Moschell, J** (1864). *Quelques mots sur les nouveaux projets de statuts de l'assurance mutuelle de pensions viageres de Genève.* [pamphlet]. - Geneva: 1864. [RKN: 40715]
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- Moschell, J** (1866). *Examen des moyens propres a faciliter l'assurance sur la vie aux classes laborieuses.* [pamphlet]. - Lausanne: 1866. [RKN: 40717]
- Moser, L** (1895). *Denkschrift über die Höhe der finanziellen Belastung, welche den nach dem Entwürfe zu einem Bundesgesetze betreffend die Krankenversicherung einzurichtenden Krankenkassen voraussichtlich erwachsen wird.* - 2nd ed. [book]. - Berne: 1895. [RKN: 5293]
There is also a copy in French
- Moser, L** (1895). *Mémoire sur la charge financière des caisses contre les maladies.* - 2nd ed. [pamphlet]. - Berne: 1895. [RKN: 5294]
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- Moser, L** (1895). *Recherches techniques sur l'assurance mutuelle contre les accidents*. [pamphlet]. - Berne: 1895. [RKN: 6266]
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- Mosse, Miles** (1595). *The Arraignment and Conviction that is Usurie.: That is, the iniquitie and unlawfulness of usurie, displayed in six sermons, preached at Saint Edmunds Burie in Suffolk, upon Proverb 28.8 by Miles Mosse, Minister of the Worde and Bachelor of Divinitie. Scene and allowed by authoritie..* [book]. - London: Printed by the widdow Orwin for Thomas Man, 1595. - [20], 171 p. pages. [RKN: 42927]
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- Mr Henry Bach, late local manager in Sheffield and the Unity Insurance Associations*. [pamphlet]. 1856. - 27 pages. [RKN: 71481]
- Mucke, J R** (1881). *[State insurance against accidents]*. [pamphlet]. - Berlin: 1881. - 47 pages. [RKN: 71100]
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- Muret, Jean-Louis** (1766). *Memoire sur l'état de la population dans le pays de Vaud*. [book]. - Yverdon: 1766. [RKN: 3819]
Richard Price says in *Observations on Reversionary Payments* second edition page 345 that RP has read Muret's memoir on the population of Vaud and that a good abstract of it can be found in "De re Rustica or the Repository." As we know from Professor Behar there is a double decrement table in the Muret memoir and this is confirmed in pages 84 and 85 of the separate tables at the end. Single ladies leave their table by death or marriage. Married ladies enter on marriage and leave on death.
- Mutual Benefit Life Insurance Company; Miller, B J** (1874). *The Actuary's report on mortality experience 1845-1873*. [corporate document]. - Newark NJ (USA): Jennings & Hardham [printers], 1874. - 12 (+ 2 charts) pages. [RKN: 71059]
- Mutual Benefit Life Insurance Company** (1884). *Net reserves according to the American experience table of mortality and four per cent interest*. [corporate document]. - Newark NJ (USA): 1884. [RKN: 4656]
- Mutual Benefit Life Insurance Company of Newark, NJ** (1900). *Net premiums and reserves according to the American experience table of mortality and three per cent interest*. [corporate document]. - Newark NJ (USA): 1900. [RKN: 4580]
- Mutual Life Assurance Society** (1834). *An account of the Mutual Life Assurance Society; with a few introductory observations*. [corporate document]. - London: 1834. [RKN: 40592]
- Mutual Life Assurance Society** (1838). *Draft laid before the court of directors of a new scheme for the assurance of lives, together with a draft prospectus of the proposed New Mutual Deposit Fund and Life Annuity Society*. [commercial pamphlet]. - London: 1838. [RKN: 40663]
- Mutual Life Assurance Society** (1850). *Report for 1849, with letter from Samuel Brown respecting P Hardy*. [corporate document]. 1850. [RKN: 40606]
- Mutual Life Assurance Society** (n.d.). *Prospectus*. [commercial pamphlet]. - London: n.d.. [RKN: 62847]
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Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)
- Mutual Life Insurance Company of New York** (c1844). *Considerations on life insurance by a lady*. [pamphlet]. - New York: Mutual Life Insurance Company of New York, c1844. - iv, [2], 36 pages. [RKN: 82540]
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- Mutual Life Insurance Company of New York; Gill, G** (1851). *Report to the Board of Trustees of the Mutual Life Insurance Company of New York exhibiting the experience of the company during the first eight years of its operations, accompanied by remarks on the comparative duration of life in various sections of the United States and California*. [corporate document]. - New York NY (USA): 1851. [RKN: 40186]
- Mutual Life Insurance Company of New York** (1856). *Report of the Board of Examiners appointed April 15, 1856, to examine the affairs of the company*. [corporate document]. - New York NY (USA): 1856. [RKN: 40462]
- Mutual Life Insurance Company of New York; Homans, Sheppard** (1859). *Report exhibiting the experience of the Mutual Life Insurance Company of New York, for fifteen years ending February 1, 1858*. [corporate document]. - New York NY (USA): 1859. [RKN: 2907]

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Mutual Life Insurance Company of New York; Bartlett, W H C (1881). *Interest tables, used by the Mutual Life Insurance Company, New York*. - 2nd ed. [corporate document]. - New York NY (USA): 1881. [RKN: 4431]

Mutual Life Insurance Company of New York (1900). *Exhibit at Paris exposition*. [corporate document]. - New York NY (USA): 1900. [RKN: 8097]

Mutual Life Insurance Company of New York; Marsh, E J; White, G M (1900). *Report on the mortality records of the Mutual Life Insurance Company of New York for 56 years from 1843 to 1898*. [corporate document]. - New York NY (USA): 1900. [RKN: 2915]

Mutual Life Insurance Company of New York (1900). *Introduction to the exhibit of the Mutual Life Insurance Company of New York*. [corporate document]. - New York NY (USA): Mutual Life Insurance Company, 1900. [RKN: 70357]
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Mutual Life Assurance Society of the Cape of Good Hope; Elliott, C B (1881). *Report on the mortality experience of the Mutual Life Assurance Society of the Cape of Good Hope during the period from 27th May 1845 to 31st December 1879*. [corporate document]. - Cape Town: Saul Solomon & Co [printers], 1881. - 40 (+ 1 graph) pages. [RKN: 71057]

Mutual Reserve Fund Life Association ([1886]). *Prospectuses*. [commercial pamphlet]. [1886]. [RKN: 71400]

Napier, John (Baron of Merchiston) (1614). *Mirifici logarithmorum canonis descriptio, eiusque usus, in utraque Trigonometria; ut etiam in omni Logistica Mathematica, amplissimi, facillimi, & expeditissimi explicatio*. [book]. - Edinburgh: ex officina Andreae Hart, 1614. - 44 pages. [RKN: 20031]
Also contained in: Maseres, Francis (Editor): *Scriptores logarithmici...* volume 6. London 1807

Napier, John (Baron of Merchiston) (1617). *Rabdologiae, seu numerationis per virgulas libri duo: cum appendice de expeditissimo multiplicationis promptuario: quibus accessit & arithmeticae localis librer unus / authore ac inventore Ioanne Neper, barone merchistonii &c.* [book]. - Edinburgh: Excudebat Andreas Hart, 1617. - 154 ; 14 cm pages. [RKN: 10372]

Napier, John (Baron of Merchiston) (1618). *A description of the admirable table of logarithmes. Invented and published in Latin, translated into English by E Wright. With an addition of the instrumental table to find the part proportional, by H Brigs*. [book]. - London: printed for Simon Waterton, 1618. [RKN: 1426]
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Napier, John (Baron of Merchiston) ([1620]). *Mirifici logarithmorum canonis constructio; et eorum ad naturales ipsorum numeros habitudines: una cum appendice, de alia eaque prasetantiore logarithmorum specie condenda*. [book]. - Edinburgh: [1620]. [RKN: 10373]

Napier, John (Baron of Merchiston) (1620). *Logarithmorum canonis descriptio: seu arithmeticarum supputationum mirabilis abbreviatio: eiusque usu in utraque trigonometria, ut etiam in omni logistica mathematica, amplissimi, facillimi & expeditissimi explicatio / authore ac inventore Ionne Neper*. [book]. - Lugduni: Apud Barth Vincentium, 1620. - 62 ; 22 cm pages. [RKN: 70951]

Napier, John (Baron of Merchiston) (1839). *De arte logistica*. [book]. - Edinburgh: 1839. - xciv, 162: ill ports. ; 28 cm pages. [RKN: 70862]
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Napier, John (Baron of Merchiston); Filipowski, H E (1857). *The wonderful canon of logarithms*. [book]. - Edinburgh: 1857. [RKN: 1427]

Napier, John (Baron of Merchiston) (1889). *The construction of the wonderful canon of logarithms. Translated from Latin into English, with notes and a catalogue of the various editions of Napier's works, by W R MacDonald*. [book]. - Edinburgh: William Blackwood and Sons, 1889. [RKN: 965]

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Title translates as: [=The Great Mirror of Folly, showing the rise, progress and fall of the trade in stocks, Bubbles and Wind, that took place in France, England and the Netherlands in the Year MDCCXX. Being a compilation of all the Charters and Proposals of the incorporated companies of insurance, navigation, commerce, etc. in the Netherlands, both the ones that came into existence as well as those that were rejected by the States [legislatures] of some of the Provinces along with artistic prints, comedies and poems, published by the various amateurs with a view to do injury to this detestable and fraudulent commerce, by which in this year various families and persons of high and low standing have been ruined, and lost their possessions, which impeded legitimate trade in France as well as England and the Netherlands] -- Other editions published have varying numbers of additional plates

Netherlands. Staten Generael der Vereenighde Nederlanden (1665). *Publicatie. De Staten Generael der Vereenighde Nederlanden: Allen den genen die desen sullen sien ofte hoozen lesen...* [poster]. - In 's Graven-Hage: By Hillebrandt van Wouw, 1665. [RKN: 43069]
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- Pearson, Karl** (1900). *Mathematical contributions to the theory of evolution: On the law of reversion*. [pamphlet]. - London: 1900. [RKN: 42144]
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Peek, Johan Hendrik (1898). *Toepassing der Waarsehijnlijkheds-Rekening op Levensverzekering en Sterfte-Statistiek*. [book]. - Utrecht: 1898. [RKN: 4492]

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Pelican Life Insurance Company (1836). *Prospectus*. [commercial pamphlet]. 1836. - 16 pages. [RKN: 62848]

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Petgrave, E C (1864). *Courts of equity and buyers of reversions (with some remarks on recent cases)*. [pamphlet]. - London: Stevens, Sons & Haynes, 1864. - 24 pages. [RKN: 70778]

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2 pages missing immediately after the index, headed (1) Devon. Jan 27, 1680. May it please your Lordship (=B) -- For copy of missing pages see RKN:20018

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Electrostatic enlargement from microfilm filed in the correct place in the book, obtained from British Library

Petty, Edmond (Lord Fitzmaurice) (1895). *The life of Sir William Petty 1623-1687; chiefly derived from private documents hitherto unpublished*. [book]. - London: John Murray, 1895. - [16],335,[1] pages. [RKN: 10498]
A detailed biography of Sir William Petty chiefly derived from manuscript documents previously unpublished. There is a complete chapter devoted to Petty's 'Political arithmetick' (179-231) for which the author acknowledges the help of Henry Sidgwick. The appendices include a bibliographical list of Petty's works, a copy of his Will and an outline of his survey in Ireland.

Petty, William (1674). *The discourse made before the Royal Society ... November 1674, concerning the use of duplicate proportion in sundry important particulars: Together with a new hypothesis of springing or elastique motions*. [book]. - London: Printed for John Martyn, 1674. - 135 ; 14 cm pages. [RKN: 70871]

Petty, William (1683). *Another essay in political arithmetick, Concerning the Growth of the City of London: With the Measures, Periods, Causes and Consequences thereof*. 1682. [book]. - London: Printed by H H for Mark Pardoe, 1683. - 47 pages. [RKN: 42932]

- Petty, William** (1686;1687). [*Collected texts on Political Arithmetick*]. [pamphlets collection (bound)]. - London: Printed for Mark Pardoe; J. Lloyd; Henry Mortlocke, 1686;1687. - 1 vols. - 50; 6, 8, [3], [4]; 21; 4; 51 pages. [RKN: 43060]
Volume contains all of Petty's 'Essays in political arithmetick' issued before his death in 1687. Although advertised in successive term Catalogues, Petty's 'Essays' and other works were also sold bound together in various combinations; many such volumes have since been broken up. Petty's Political Arithmetick appeared posthumously in 1690 and was included, with the earlier Essays, in *Several Essays in Political Arithmetic* (1699). -- Separate catalogue entries for each text - see RKN 43061, 43062, 43063, 43064, 43065
- Petty, William** (1686). *An Essay Concerning the Multiplication of Mankind: Together with Another Essay in Political Arithmetick, Concerning the Growth of the City of London: with measures, periods, causes, and consequences thereof. 1682..* - Second edition revised and enlarged ed. [pamphlet]. - London: Printed for Mark Pardoe, 1686. - 1 vols. - [2], 50; 8vo pages. [RKN: 43061]
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- Petty, William** (1686). *Further observations upon the Dublin-Bills: or, accompts of the houses, hearths, baptisms, and burials in that city. The second edition, corrected and enlarg'd.* London: Printed for Mark Pardoe..., 1686.
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- Petty, William** (1687). *Observations upon the Cities of London and Rome.* [pamphlet]. - London: Printed for Henry Mortlocke, 1687. - 1 vols. - 4; 8vo pages. [RKN: 43064]
Bound in [Collected texts on Political Arithmetick] - RKN 43060
- Petty, William** (1687). *Five essays in political arithmetick.* [pamphlet]. - London: Printed for Henry Mortlocke..., 1687. - 1 vols. - [9], 51, 51, [1]; 8vo pages. [RKN: 43065]
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- Petty, William** (1699). *Several essays in political arithmetick.* [book]. - London: Printed for Robert Clavel ... and Henry Mortlock, 1699. - 276 ; 20 cm pages. [RKN: 70872]
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- Phelps, Edward Bunnell** (1898). *War risks: authorised statements from all the leading life insurance companies outlining their prospective action in the case of policy-holders now serving or contemplating service in the US Army or Navy.* [book]. - New York NY (USA): Thrift Publishing Company, 1898. - 71 pages. [RKN: 70411]
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- Pinckard, G H; Clerical Medical & General Life Assurance Society** (1851). *Observations relating to the Clerical, Medical, & General Life Assurance Society, chiefly with reference to its experience on invalid lives..* [corporate document]. - London: 1851. [RKN: 40189]
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Poisson, Siméon-Denis, 1781-1840 (1837). *Recherches sur la probabilité des jugements en matière criminelle et en matière civile, précédées des règles générales du calcul des probabilités.* [book]. - Paris: 1837. [RKN: 1665]

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Porter, G R (1836). *The progress of the nation in its various social and economic relations from the beginning of the nineteenth century.* [book]. - London: 1836. [RKN: 6565]
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Pratt, John Tidd (1830). *The history of savings banks in England, Wales and Ireland: with the period of the establishment of each institution, the place where it is held, the days and hours when open, the rate of interest payable, and the number of depositors, classed according to the latest official returns &c. &c. &c..* [book]. - London: C J G & F Rivington, 1830. - 1 vols. - [12], xxiii, 336 pages. [RKN: 43227]

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Prévost, P H H (1800). *Tarif de réduction en numéraire des arrérages de rentes du pendant la depreciation du papier-monnaie; calculés sur les bases de l'échelle de depreciation du département de la Seine, par le citoyen Prévost, employé au ministère de la Justice. Seconde edition. Augmentée du Tarif des retenues sur les rentes perpétuelles et viagères, depuis l'année 1791, jusques et compris l'an 8 de la République.* - [Seconde] ed. Paris: chez Rondonneau, 1800. [pamphlet] - 12 pages. [RKN: 82516]

Price, Bartholomew (1852). *A treatise on infinitesimal calculus: Containing differential and integral calculus, calculus of variations, applications to algebra and geometry, and analytical mechanics: Vol. 1: Differential calculus.* [book]. - Oxford: Oxford University Press, 1852. - xxv, 54: ill. ; 23 cm pages. [RKN: 70877]

Price, Richard (1764;1965 reprint). *A demonstration of the second rule in Essay towards solving a problem in the Doctrine of Chances published in volume LIII.* [journal article;facsimile reprint]. London, 1764;1965 reprint. [RKN: 43093]

Philosophical Transactions [of the Royal Society] (facsimile) (1764) **54**: 296-325.

Further analysis of 'An essay towards solving a problem in the Doctrine of Chances. By the late Rev. Bayes, F.R.S., communicated by Mr Price, in a letter to John Canton, A.M. F.R.S', *Philosophical Transactions of the Royal Society* 53 (1764). -- Reference from facsimile reprint of *Philosophical Transactions* held at Staple Inn Library.

Price, Richard (1768-1771). *[Book of letters from Richard Price to John Edwards, actuary to the Society for Equitable Assurances on Lives and Survivorships].* [manuscript]. 1768-1771. - 1 vols. [RKN: 44854]

Manuscript book of letters from Richard Price copied by a contemporary hand to John Edwards, actuary to the Society for Equitable Assurances on Lives and Survivorships, written 1768 to 1771, as featured among the Archive of the Equitable Life Assurance Society acquired by the Institute of Actuaries in November 2006. -- Individual manuscript has reference EL/6/1/5 in Archive of the Equitable Life Assurance Society. -- Reproduced in Angus S Macdonald et al. (2010). *Chance and Assurance: manuscripts of the work of Thomas Bayes, James Dodson, Richard Price and William Morgan in the Archive of the Equitable Life Assurance Society* [DVD digital presentation, Institute of Actuaries, 2010]

Price, Richard (1769). *Observations on the expectations of lives, the increase of mankind, the influence of great towns on population, and particularly the state of London, with respect to healthfulness and number of inhabitants.* [journal article]. - London: 1769. [RKN: 3798]

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Price, Richard (1771). *Observations on reversionary payments; on schemes for providing annuities for widows, and for persons in old age; on the method of calculating the values of assurances on lives; and on the national debt: To which are added, four essays on different subjects on the doctrine of life annuities and political arithmetick: Also, and Appendix containing a complete set of tables: particularly, four new tables, shewing the probabilities of life in London, Norwich, Northampton, and the values of joint lives.* - [1st] ed. [book]. - London: Printed for T Cadell, 1771. - xv, [1], 344 pages. [RKN: 20052]

Institute Library holds 1st (1771), 2nd (1772), 3rd (1773), 4th (1783), 5th (1792), 6th (1803) and 7th (1812) editions

Price, Richard (1772). *An appeal to the public on the subject of the national debt.* [book]. 1772. [RKN: 4275]

Price, Richard (1772). *Observations on reversionary payments; on schemes for providing annuities for widows, and for persons in old age; on the method of calculating the values of assurances on lives; and on the national debt: To which are added, four essays on different subjects on the doctrine of life annuities and political arithmetick: Also, and Appendix containing a complete set of tables: particularly, four new tables, shewing the probabilities of life in London, Norwich, Northampton, and the values of joint lives: The second edition, with a supplement containing additional observations and tables.* - Second ed. [book]. - London: Printed for T Cadell, 1772. [RKN: 41312]

Second edition with supplement. -- Library holds 1st (1771), 2nd (1772), 3rd (1773), 4th (1783), 5th (1792), 6th (1803) and 7th (1812) editions

Price, Richard (1773). *Observations on reversionary payments.* - 3rd enlarged ed. [book]. - London: 1773. [RKN: 41313]

3rd edition enlarged -- Library holds 1st (1771), 2nd (1772), 3rd (1773), 4th (1783), 5th (1792), 6th (1803) and 7th (1812) editions

Price, Richard; Laudable Society for the Benefit of Widows (1774). *Calculations and observations relating to the scheme of the Laudable Society for the Benefit of Widows. A true state of the accounts of the Laudable Society for the Benefit of Widows from Michaelmas, 1773, to Michaelmas, 1794, on the following suppositions [...]: [with:] Reasons for dissolving the Laudable Society: [with:] Reasons against dissolving the Laudable Society for the Benefit of Widows.* [corporate document]. - London: 1774. - 8; 3; 3 pages. [RKN: 43218]

Four folio pamphlets, including two versions of 'Reasons for dissolving the Laudable Society'. -- Calculations and observations relating to the scheme of the Laudable Society for the Benefit of Widows. A true state of the accounts of the Laudable Society for the Benefit of Widows [...] 'by R. Price, Newington Green, March 22nd, 1774' - p.8 -- 'Reasons for dissolving the Laudable Society' exists in two versions, one longer with variant text showing quotations of 'Benj. Webb'.

Price, Richard (1774-1775). *'Observations on the proper method of keeping the accounts, and determining from year to year the state of the Society.'* [manuscript]. 1774-1775. - 1 vols. [RKN: 44855]

Manuscript book of work of Richard Price copied by a contemporary hand presented to the Society for Equitable Assurances on Lives and Survivorships, December 1774 to January 1775, as featured among the Archive of the Equitable Life Assurance Society acquired by the Institute of Actuaries in November 2006. -- Individual manuscript has reference EL/6/1/6 in Archive of the Equitable Life Assurance Society. -- Reproduced in Angus S Macdonald et al. (2010). *Chance and Assurance: manuscripts of the work of Thomas Bayes, James Dodson, Richard Price and William Morgan in the Archive of the Equitable Life Assurance Society* [DVD digital presentation, Institute of Actuaries, 2010]

Price, Richard (1775). *Short and easy Theorems for finding, in all cases, the differences between the Values of Annuities payable yearly, and of the same Annuities payable half-yearly, quarterly, or momentarily: By the Rev. Richard Price, D.D., F.R.S. In a letter to Sir John Pringle, Bart. P.R.S.* [journal article]. London, 1775. [RKN: 43083]

Philosophical Transactions [of the Royal Society] (1775) **66**: 109-128.

Price, Richard (1776). *Observation on the Nature of Civil Liberty, the Principles of Government, and the Justice and Policy of the War with America.: To which are added an Appendix and Postscript, containing a State of the National Debt, an Estimate of the Money drawn from the Public by the Taxes, and an Account of the National Income and Expenditure since the last War.* - the Sixth edition ed. [book]. - London: Printed for T Cadell, 1776. - [4], 132 pages. [RKN: 43112]

Equitable Life Assurance Society archive reference EL912B

Price, Richard; Arthur Worsop, John (1778). *'Copy of a Petition for an Act to enable John Arthur Worsop to settle a Jointure upon any Woman or Women he may hereafter marry on the terms therein mentioned' [together with]: [Letter from Richard Price, dated 28 February 1778, and separate calculations related to the petition].* [manuscript]. 1778. - 5 (petition); 2 (letter); [4] p. (calculations) pages. [RKN: 43195]

The petitioner, John Arthur, was from Doncaster; Richard Price writes from his address in Stoke Newington, London. Outside pages to petition indicates addressee: 'Shirton, Gray's Inn' -- The case had two aspects, together making it complicated enough to require an Act of Parliament. John Arthur had to change his surname to inherit his relative's estate; and he was obliged to set aside a sum of money out of his inheritance sufficient to make appropriate & specified payments to anyone whom he might marry and whom he might pre-decease. To this end, no less "an able Calculator" than Richard Price was engaged by the petitioner "to ascertain what particular sums of money should be set apart as a fund". By 1778, Price was already celebrated; By engaging his services, Worsop was doing his best to ensure the success of his petition. Price's calculations and explanations run to some 1000 words; they are based on the principles of Abraham De Moivre and Halley, and are formidably complex but he comes up with answers. His letter adds something which he had overlooked -- 'I could not make myself easy without informing you of this and hope it will not come too late to be inserted in the Bill...' Together, the petition with Price's calculations, and his letter, offers a most useful insight into actuarial science and its practical application when it was still in its earliest stages - Alex Fotheringham bookseller

Price, Richard (1780). *An essay on the population of England, from the Revolution to the present time: With an Appendix containing Remarks on the Account of the Population, Trade, and Resources of the Kingdom, in Mr Eden's Letters to Lord Carlisle.* - Second edition, with corrections and additions ed. [book]. printed for T Cadell, 1780. - vi, 88 pages. [RKN: 43679]

Second separate edition, with some alterations.

Price, Richard (1783). *Observations on Reversionary Payments; on Schemes for providing Annuities for Widows, and for Persons in Old Age.* - 4th ed. [book]. - London: Printed for T Cadell, 1783. - 2 vols. [RKN: 41314]

4th edition enlarged in 2 volumes, 1783 -- Library holds 1st (1771), 2nd (1772), 3rd (1773), 4th (1783), 5th (1792), 6th (1803) and 7th (1812) editions

Price, Richard (1785). *Observations on the importance of the American Revolution' and the Means of making it a Benefit to the World: To which is added, A Letter from M. Turgot, late Comptroller-General of the Finances of France:: With An Appendix, containing a Translation of the Will of M. Fortuné Ricard, lately published in France: / By Richard Price, D.D. L.L.D..* [book]. - London: Printed for T Cadell, 1785. - viii, 156 pages. [RKN: 43180]

Price, Richard (1787). *Sermons on the Christian Doctrine as received by the different denominations of Christians.* [book]. - London: Printed for T Cadell, 1787. - 4, vii, 368 pages. [RKN: 43113]

Equitable Life Assurance Society archive reference EL922B

Price, Richard; Morgan, William (1792). *Observations on reversionary payments.* - 5th ed. [book]. - London: 1792. [RKN: 41315]

5th edition in 2 volumes, with additions by W Morgan, 1792 -- Institute Library holds 1st (1771), 2nd (1772), 3rd (1773), 4th (1783), 5th (1792), 6th (1803) and 7th (1812) editions

Price, Richard; Morgan, William (1803). *Observations on reversionary payments.* - Sixth ed. [book]. - London: 1803. [RKN: 41316]

6th edition in 2 volumes, with additions by W Morgan, 1803 -- Institute Library holds 1st (1771), 2nd (1772), 3rd (1773), 4th (1783), 5th (1792), 6th (1803) and 7th (1812) editions

Price, Richard; Morgan, William (1812). *Observations on reversionary payments.* - Seventh ed. [book]. - London: 1812. - 2 vols. [RKN: 41317]

7th edition in 2 volumes, with additions by W Morgan, 1812 -- Institute Library holds 1st (1771), 2nd (1772), 3rd (1773), 4th (1783), 5th (1792), 6th (1803) and 7th (1812) editions -- Institute: Second copy of Volume 1 of the 1812 edition donated by College of Insurance, 11 January 1989. -- Institute: Second copy can be sold or disposed of at an appropriate time -- Featured in 'Some Landmarks in Actuarial Science', exhibition, November 1985

Price, Richard; Morgan, William (1816;1815). *Sermons on Various Subjects by the late Richard Price, DD FRS [bound with]: Memoirs of the Life of the Rev. Richard Price DD FRS by William Morgan.* [book]. - London: Printed for Longman, Hurst, Rees, Orme and Brown. Printed for R Hunter and R Rees, 1816;1815. - v, 404; viii, 189 pages. [RKN: 43118]

Equitable Life Assurance Society archive reference EL933B

Price, Richard (1903 reprint). *Letters to and from Richard Price DD, FRS, 1767-1790.* [manuscript reprint]. - Cambridge: John Wilson. Cambridge University Press, 1903 reprint. - 119 pages. [RKN: 43129]

Reprinted from the Proceedings of the Massachusetts Historical Society, May 1903 -- Equitable Life Assurance Society archive reference EL964B

Price, Richard; Babb, James T (editor) (1962). *The Reverend Doctor Richard Price 1723-1791: Letters by, to and about him in the Collection of Yale University.* [book]. - New Haven CT (USA): Yale University, 1962. - [71] pages. [RKN: 43130]

Equitable Life Assurance Society archive reference EL968B -- "This is only a selection. There are many others, including, in the Boswell Papers, a forty-four page unpublished manuscript "A letter to Dr Price containing remarks upon his pamphlet, concerning the great happiness of America, rising from her late independence", by James Wilson, a signer of the Declaration of Independence" - title page. -- "Presented to John Henry Bevan, CB MC, President, Equitable Life Assurance Society on the occasion of the twohundredth anniversary of that company by his friend, the Librarian of Yale University James T Babb." - title page -- Facsimile reproductions of letters of Richard Price and contemporaries.

[Price, Richard]; [London Annuity Society] (c1789). *Tables showing the progress of the London Annuity Society in its first 24 years (1765-1789).* [manuscript]. c1789. - 1 vols. [RKN: 43630]

Manuscript on parchment sheets bound into book thought to be the work of Richard Price as featured among the Archive of the Equitable Life Assurance Society acquired by the Institute of Actuaries in November 2006. -- Individual manuscript has reference EL/6/1/13 in Archive of the Equitable Life Assurance Society.

[Priestley, Joseph]; [Maseres, Francis] (1787). *An account of a Society, for encouraging the industrious poor. With a table for their use: To which are prefixed, some considerations on the state of the poor in general.* [book]. - Birmingham: Printed by Pearson and Rollason, 1787. - 23, 31 pages. [RKN: 43214]

The author, Joseph Priestley, has been attributed, and is not identified in this text -- Baron Francis Maseres is identified as the originator of A Table showing the payment due (reckoning interest at 4½ per cent) for a life annuity of one pound of ten shillings, payable quarterly. To commence at any age from 35 to 75. -- Table presents for each age of purchaser from Age 14¾ to 15½ to Age 72¾ to 73½

Primatt, Stephen (1680). *The city and country purchaser and builder.* [book]. 1680. [RKN: 20000]
Folding leaf is missing from p.146, otherwise complete

Probyn, Leslie (1892). *Old age pension A lecture.* [pamphlet]. - Staines: 1892. [RKN: 41962]
Collected papers: Papers on British social insurance 1889-1897

Proceedings at the first annual general meeting of contributors to the Scottish Provident Institution, held at Edinburgh, February 20 1839. [pamphlet]. - Edinburgh: Printed by W Oliphant, Jun & Co, 1839. - 31 pages. [RKN: 71497]

Proceedings of the nineteenth annual meeting of the Fire Underwriters' Association of the Pacific. [pamphlet]. The Coast Printing Company, 1895. - 155 (+ 1 street map) pages. [RKN: 71195]

Proctor, Richard A (1887). *Chance and luck: a discussion of the laws of luck, coincidences, wagers, lotteries, and the fallacies of gambling; with notes on poker and martingales.* - 2nd ed. [book]. - London: Longmans, Green, 1887. - 263 pages. [RKN: 1599]
Library holds 2nd (1887) and 3rd (1889) editions

Proctor, Richard A (1889). *Chance and luck: a discussion of the laws of luck, coincidences, wagers, lotteries, and the fallacies of gambling; with notes on poker and martingales.* - 3rd ed. [book]. - London: Longmans, Green, 1889. - 263 pages. [RKN: 41587]
Library holds 2nd (1886) and 3rd (1889) editions

Professional Life Assurance Company (1850). *Prospectus, annual reports, tables etc. of the Professional Life Assurance Company, admitting on equal terms persons of every class and degree to all its advantages.* [commercial pamphlet]. - London: Printed by John Teulon, 1850. - 190 pages. [RKN: 71062]

Professional Life Assurance Company; Baylis, Edward (1853). *Reply of the Professional Life Assurance Company to the attacks of its assailants; with remarks illustrative and explanatory of the new system of life assurance.* - 4th ed. [pamphlet]. - London: 1853. [RKN: 8162]

Professional Life Assurance Company (1853). *Opinions of the press on the reply of the Professional Life Assurance Company to the attacks of its assailants.* [corporate document]. - London: Printed by John Teulon, 1853. - 216 pages. [RKN: 71060]

Progression, interpolation, interest, annuities-certain and probability. [book]. 1892. [RKN: 4334]
Title page missing, apparently issued by an American college. Date on fly leaf: 1892

Promoter Life Assurance and Annuity Company (n.d.). [*Prospectus*]. [commercial pamphlet]. n.d.. [RKN: 41262]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

[*Property and income tax pamphlets*]. [pamphlets collection (bound)]. 1851-1852. [RKN: 7021]

Prospectus of a plan for establishing in Scotland a general fund, for securing provision to widows, sisters &c, and insuring capital sums on lives, to be called the Scottish Widows' Fund and Equitable Assurance Society.: Specimen of the tables proposed to be adopted ... [commercial pamphlet]. - Edinburgh: Thomas Allan and Company, 1812. [RKN: 71558]

Bound in a volume reading 'The Scottish Widows' Fund' on spine. -- Contains list of Patrons, Directors, etc and report of first meeting on 25 March 1812.

Prospectuses of life assurance offices 1888. [commercial pamphlet]. 1887-1888. [RKN: 71557]
Bound volume of life office prospectuses collected for the years 1887-1888.

[*Prospectuses, reports etc.*]. [commercial pamphlet]. 1814-1845. [RKN: 71534]

Protector Life Association (n.d.). [*Prospectus*]. [commercial pamphlet]. n.d.. [RKN: 41263]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Protestant Dissenters' and General Life and Fire Assurance Company (n.d.). [*Prospectus*]. [commercial pamphlet]. n.d.. [RKN: 41264]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)

Provident Life Office (1806). *Deed of constitution and bye-laws of the Provident Life Office, dated 17th October 1806.* [pamphlet]. - London: C Roworth and Sons [printer], 1871. - v, 61 pages. [RKN: 71258]

- [Provident Fund]** *Remarks on a proposed scheme for the conversion of the assessments levied on public salaries, under Act 4 & 5 Will., Cap. 24 into a "Provident Fund" for the support of the widows and orphans of civil servants of the crown.* [corporate document]. - London: [RKN: 40103]
- Provident Life and Trust Company of Philadelphia; Wing, A S** (1886). *Mortality experience of the Provident Life and Trust Company of Philadelphia, 1866 to 1885.* [corporate document]. - Philadelphia PA (USA): 1886. [RKN: 2887]
- Provident Life Office** (1833). *Report of the second trial in the case Duckett v. Williams; being an action brought by the Provident Life Office, for the recovery of sundry annual premiums paid to the Hope Assurance Company....* [corporate document]. - London: James Ridgway, 1833. - 78 pages. [RKN: 71334]
- Provident Life Office** (1835). *[Prospectus]*. [commercial pamphlet]. 1835. [RKN: 41265]
Commercial pamphlet collected in volume of prospectuses of assurance societies by the Clerical, Medical and General Life Assurance Society (Library ref. 8178)
- Prudential Assurance Co Ltd** (1867). *Appendix to the eighteenth annual report submitted to the annual meeting on the 26th of April 1867 containing the experience of the company in the industrial for the three years 1864, 1865 and 1866.* [corporate document]. - London: 1867. [RKN: 8193]
- Prudential Assurance Co Ltd** (1880). *History of the Prudential Assurance Company.* [BOOK]. - London: Holborn Bars, 1880. - 81 pages. [RKN: 70414]
- Prudential Assurance Company; Harben, H** (1871). *Mortality experience of the Prudential Assurance Company in the Industrial Branch for the years 1867 to 1870, with observations.* [corporate document]. - London: 1871. [RKN: 2905]
- [Prussian Widows Fund]** (1796). *Patent und Reglement für die Königlich Preussische allgemeine Wittwen-Verpflegungs-Anstalt. De Dato Berlin, den 28. December 1775. Von neuem abgedruckt und mit den Publicatis vom 1sten July 1783 und 25 May 1796 vermehret, im Jahre 1796.* [corporate document]. 1796. [RKN: 42842]
- Pryde, James** (1857). *Tables for calculating interest on a new method.* [book]. - Edinburgh: 1857. [RKN: 4378]
- Pryde, James (ed)** (1886;1892;1912). *Mathematical tables consisting of logarithms of numbers 1 to 108000. Trigonometrical, nautical, and other tables.* [book]. - London; Edinburgh: W & R Chambers, Ltd., 1886;1892;1912. [RKN: 1431]
- Purdon, H S** (1872). *Brief remarks upon medical examination for life assurance.* [pamphlet]. - Belfast: W & G Baird [printer], 1872. - 8 pages. [RKN: 71037]
- Purdy, William** (1876). *The city life: its trade and finance.* [book]. - London: Sampson Low, Marston, Searle & Rivington, 1876. - xii,243,[1],[24] pages. [RKN: 11009]
- Pye-Smith, Philip H** (1897). *Life assurance: a lecture delivered at Guy's Hospital.* [article offprint]. - London: Imperial Life Office, 1897. - 16 pages. [RKN: 70223]
Reprinted from Guy's Hospital Gazette Nov 20th 1897
- Queen Insurance Company** (1863). *[Prospectus]*. [commercial pamphlet]. 1863. [RKN: 41180]
- Queen Insurance Company** (1867). *Address by the ex-London directors of the Queen Insurance Company to the shareholders.* [corporate document]. 1867. - 15 pages. [RKN: 71298]
- Queensland [Life Insurance Act 1879]*. [pamphlet]. 1879. [RKN: 71171]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1835). *Sur l'homme et le developpement de ses facultés, ou essai de physique sociale.* [book]. - Paris: Bachelier, 1835. - 2 vols. - 327; viii, 327 pages. [RKN: 2574]
Library holds facsimile reprint of 1842 English translation: A treatise on man and the development of his faculties. London, 1842 [RKN 4038; also 9298]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1838). *De l'influence des saisons sur la mortalité aux differens âges dans la Belgique....* [photocopy]. - Bruxelles: M. Hayez, Imprimeur de l'Academie Royale, 1838. [RKN: 9297]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874; Beamish, Richard (trans)** (1839;1849). *Popular instructions on the calculation of probabilities.* [book]. - London: 1839;1849. [RKN: 1668]
Institute: We also have the 1853 edition in French (RKN:1669)
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1842). *A treatise on man and the development of his faculties.* [pamphlet]. - Edinburgh: William and Robert Chambers, 1842. - 126 (+ 7 plates) pages. [RKN: 71424]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1844). *Recherches statistiques.* [book]. - Brussels: 1844. [RKN: 2573]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1846). *Lettres sur la théorie des probabilités, appliquée aux sciences morales et politiques.* [book]. - Brussels: M Hayez, 1846. - iv,450 pages. [RKN: 1667]
For English translation, see Quetelet, A: Letters...etc. London 1849 [RKN:1666]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1849). *Nouvelles tables de mortalité pour la Belgique.* [pamphlet]. - Brussels: 1849. [RKN: 41050]

- Quetelet, Lambert-Adolphe-Jacques, 1796-1874; Downes, Olinthus G (tr)** (1849). *Letters addressed to the Grand Duke of Saxe Coburg and Gotha, on the theory of probabilities, as applied to the moral and political sciences.* [book]. - London: 1849. [RKN: 1666]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1850). *Nouvelles tables de population pour la Belgique.* [pamphlet]. - Brussels: 1850. [RKN: 41051]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1853). *Theorie des probabilités.* [book]. - Brussels: 1853. [RKN: 1669]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1854). *Sur les tables de mortalité et spécialement sur les tables de mortalité de la Belgique.* [pamphlet]. - Paris: 1854. [RKN: 40819]
- Quetelet, Lambert-Adolphe-Jacques, 1796-1874** (1872). *Tables de mortalité et leur développement.* [pamphlet]. - Brussels: F Hayez, 1872. - 39 pages. [RKN: 71346]
- Quiquet, Albert** (1893). *Aperçu historique sur les formules d'interpolation des tables de survie et de mortalité.* - 2nd ed. [book]. - Paris: Warnier, 1893. [RKN: 70407]
Bound with same author's: *Représentation algébrique des tables de survie: généralisation des lois de Gompertz, de Makeham etc.* (1893)
- Quiquet, Albert** (1893-1931). *Oeuvres Diverses, volume 2.* [book]. 1893-1931. [RKN: 249]
- Raedell, Carl** (1857). *Vollständige Anweisung die Lebensfähigkeit von Versicherungs-Anstalten in Bezug auf das menschliche Leben und Sterben zu untersuchen.* [book]. - Berlin: Otto Kante, 1857. - xiv,425 pages. [RKN: 4476]
Also bound in Tracts volume 31
- Raedell, Carl** (1857). *Vollständige Anweisung die Lebensfähigkeit von Versicherungs-Anstalten in Bezug auf das menschliche Leben und sterben zu untersuchen.* [pamphlet]. - Berlin: 1857. [RKN: 40481]
- Railway Benevolent Institution** (1871). *Report of the proceedings at the annual dinner, held May 10th 1871 and at the thirteenth annual general meeting held at the offices of the Great Northern Railway Company, King's Cross, Monday June 19th 1871.* [pamphlet]. 1871. - 104 (+ 3 sheets) pages. [RKN: 70914]
Bound to the back of this pamphlet are three other items: (1) a list of cases of the Railway Benevolent Institution(RBI); (2) minutes of a meeting of the RBI held in 1872; and (3) an advertisement for the RBI
- Railway Guards Universal Friendly Society; Neison, Francis Gustavius Paulus, Sr** (1880). *Report on the Railway Guards' Universal Friendly Society.* [corporate document]. - London: M'Corquodale & Co, 1880. - 27 pages. [RKN: 71020]
- Railway Passengers Assurance Company** (1860). *Instructions to agents of the Railway Passengers Assurance Company for insuring against accidents of all kinds, or against railway accidents exclusively.* [corporate document]. - London: Railway Passengers Assurance Company Office, 1860. - 36 pages. [RKN: 43204]
- Raleigh, S** (1863). *On some leading points in the practical finance of life assurance. Read in the Association for the Promotion of Social Science, October 13 1863.* [pamphlet]. - Edinburgh: 1863. [RKN: 40214]
- Raleigh, S; Morgan, Arthur; Equitable Life Assurance Society; Scottish Widows' Fund and Life Assurance Society** (1865). *Correspondence between Arthur Morgan of the Equitable Assurance Society and Samuel Raleigh of the Scottish Widows' Fund and Life Assurance Society.* [corporate document]. - Edinburgh: 1865. [RKN: 5125]
- Raleigh, S** (1870). *Remarks on Mr Stephen Cave's bill "To amend the law relating to life assurance companies", and the principles of legislation applicable to these institutions. Read before the Scottish Association for promoting amendment of the law, 28th March 1870.* [pamphlet]. - Edinburgh: 1870. [RKN: 40233]
- Raleigh, Samuel** (1863-1896). *Address to the Actuarial Society of Edinburgh at their opening session.* [pamphlet]. - Edinburgh: 1863-1896. [RKN: 40631]
Faculty also holds copy bound within volume entitled: Actuarial Society Presidential Addresses 1863-96
- Ramazzini, Bernardino; Hoffman, Frederick L** (1750). *Health preserved, in two treatises: I. On the diseases of artificers, which by their particular callings they are most liable to. With the method of avoiding them, and their cure. By Bern. Ramazini.: II. On those distempers, which arise from particular climates, situations and methods of life. With directions for the choice of a healthy air, soil and water. By Frederick Hoffman.* - 2nd English ed. [book]. John Whiston, 1750. - xvi, 332 pages. [RKN: 11137]
- Ramchundra, Y** (1859). *A treatise on problems of maxima and minima, solved by algebra.* [book]. - London: William H Allen & Co, 1859. [RKN: 1015]
Under the superintendence of A De Morgan
- Rance, T G** (1852). *Tables of compound interest for every ¼ per cent from ¼ to 10 per cent and for every year from 1 to 100 years.* - 1st ed. [book]. - London: 1852. [RKN: 4417]
Library holds 1st (1852) and 2nd (1876) editions
- Rance, T G** (1876). *Tables of compound interest for every ¼ per cent from ¼ to 10 per cent and for every year from 1 to 100 years.* - 2nd ed. [book]. - London: 1876. [RKN: 41318]
Library holds 1st (1852) and 2nd (1876) editions -- Originally entered under 4417

Rankin, Robert (1830). *A familiar treatise on life assurances and annuities, comprising a historical sketch of the science and of life assurance offices, with observations on the duration of human life, and other objects of interest connected with the subject, to which are appended original tables of the probabilities and expectations of life in the City of Bristol, etc.* [pamphlet]. - London; Bristol: Simpkin & Marshall. William Brown, 1830. - xvi, 99 pages. [RKN: 40829]

Ratcliffe, Henry (1850;1862). *Observations on the rate of mortality and sickness existing amongst friendly societies: particularised for various trades, occupations and localities, with a series of tables shewing the value of annuities, sick gift, assurance for death and contributions to be paid equivalent thereto: calculated from the experience of the members composing the Manchester Unity of the Independent Order of Odd Fellows.* [book]. - Manchester (1850 edition); Colchester (1862 edition): 1850;1862. [RKN: 6165]
1850 edition published Manchester; 1862 edition, Colchester

Rates of extra premium for foreign climates, agreed to be adopted by all the life assurance offices of Scotland (1840). [pamphlet]. 1840. - 4 pages. [RKN: 62646]

Rathbone, T W (1854). *Comparative statement of the different plans of decimal accounts and coinage.* [pamphlet]. - London: 1854. [RKN: 40141]

Rathbone, Theodore W (1854). *An examination of the report and evidence of the Committee of the House of Commons on Decimal Coinage, with reference to a simpler, sounder, and more comprehensive mode of proceeding.* - 3rd ed. [pamphlet]. - London: 1854. [RKN: 40137]

Rawlinson, Robert (1845). *Statements on railway contracts and railway labourers.* [pamphlet]. - Manchester: 1845. [RKN: 40802]

Reade, A Arthur (1890). *Insurance made easy.* [pamphlet]. - Manchester: A Arthur Reade, 1890. - 75 pages. [RKN: 71034]

Reale Compagnia Italiana di Assicurazioni Generali sulla Vita dell'Uomo in Milano (1863). *Garanzie, capitale d'azioni di garanzia. Dotazioni mutue e garantite. Impiego dei Fondi.* [commercial pamphlet]. - Milano: Reale Compagnia Italiana di Assicurazioni Generali sulla Vita dell'Uomo, 1863. - [4], 43 + folding plate (form) pages. [RKN: 43733]
Prospectus for life assurance marketed in Italy -- Date of publication inferred as circa 1863

Reboul, E (1865). *Assurances sur la vie.* - 5th ed. [book]. - Paris: 1865. [RKN: 4839]

Reboul, E (1871). *Le nouvel impôt sur les assurances note suivie de la partie de l'exposé des motifs et du projet de loi qui est relative aux assurances.* [pamphlet]. - Paris: 1871. [RKN: 40430]

Reboul, Eugene (1867). *La morale de l'assurance.* [pamphlet]. - Paris: 1867. [RKN: 40620]

Reboul, Eugene (1871). *The duty of life assurance: / translated by W Sutton Gover.* [pamphlet]. 1871. [RKN: 41008]

Record, Robert (1510?-1558) (1557;1969 reprint). *The whetstone of witte, whiche is the seconde parte of arithmetike: containyng the extraction[sic] of rootes: the cossike practise, with the rule of equation: and the woorkes of surde numbers: The English Experience: its record in early printed books published in facsimile, no 142.* [facsimile reprint]. - London; Amsterdam: Jhon Kyngstone. Theatrum Orbis Terrarum Ltd, 1557;1969 reprint. - [320] pages. [RKN: 12616]

Record, Robert (1510?-1558); Mellis, John; Hartwell, Robert (1654). *Record's Arithmetick, or The Ground of Arts, teaching the perfect work and practice of Arithmetick, both in whole Numbers and Fractions, after a more easie and exact form then in former time have been set forth: made by Mr Robert Record, D. in Physick: Afterward augmented by Mr John Dee: And since enlarged with a Third Part of Rule of Practice [...] By John Mellis: And now diligently presued, corrected, illustrated and enlarged ...and New Tables of Interest, after 10 and 8 per 1000 with the True Value of Annuities to be bought and sold, present, respited or in Reversion: The First calculated by R C but corrected, And the latter diligently calculated by Ro. Hartwell, Philomathemat.* [book]. - London: Printed by James Flesher, 1654. - [24], 629 pages. [RKN: 20235]

Concise Dictionary of National Biography (1992) records edition of 1540. -- The 1618 edition was first to include compound interest, containing only two brief tables of compound interest taken from Simon Stevin, L'Arithmetique, 1585 -- The 1632 ed includes standard compound interest functions, including one which is erroneous

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An important early work of actuarial science in support of Webster's own 'Widow's Scheme'. Webster (1707-1784) collected information from all the presbyteries of Scotland in order to formulate his scheme, 'and the tables of average longevity drawn up by him were so accurate that they have since formed the basis for similar calculations made by modern life insurance companies' [DNB]

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Keyword on page 12 is a misprint. Additional handwritten figures on page 49 -- Featured in 'Some Landmarks in Actuarial Science', exhibition, November 1985

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Seligman, Edwin R A (1895). *Essays in taxation.* [book]. - New York NY (USA): Macmillan, 1895. - x,434 pages. [RKN: 7025]

Selkirk, Earl of (1806). *Eight letters on the subject of the Earl of Selkirk's pamphlet on Highland emigration.* [pamphlet]. - Edinburgh: 1806. - 59 pages. [RKN: 70727]

Selkrig, Charles (1828). *Remarks upon the report of the committee appointed at a meeting of entailed proprietors in Scotland, in which is suggested a plan for the gradual abolition of entails.....* - 3rd ed. [pamphlet]. - Edinburgh: 1828. - 40 pages. [RKN: 70750]

Sexton, George (1858). *Life assurance, its aspects and its claims: a lecture: / delivered on various occasions, by Mrs Sexton.* [pamphlet]. 1858. [RKN: 41006]

Seyd, E (1868). *Bullion and foreign exchanges theoretically and practically considered; followed by a defence of the double valuation, with special reference to the proposed system of universal coinage.* [book]. - London: 1868. [RKN: 7292]

Shackleton, Joseph (1897). *Social amelioration: a treatise upon Mr. Alexander Atkinson's National Pension Scheme, &c..* [book]. - Bradford: Printed by J.S. Toothil, 1897. - 266 pages. [RKN: 42989]

Shand, Lord (1879). *The liability of employers: a system of insurance by the mutual contributions of masters and workmen the best provision for accidents.* [pamphlet]. - Edinburgh: 1879. - 31 pages. [RKN: 71370]

[Share certificate] (1778). *Consolidated œ3 per cent annuities. Received this 6th day of February 1778 of Mrs Mary Coates the sum of seven hundred & sixteen pounds 5/- being the consideration for one thousand pounds interest or share in the joint stock of three per cent annuities, erected by an Act of Parliament of the 25th year of the reign of King George II entitled, An Act for converting the several annuities therein mentioned into several joint stocks of annuities, transferable at the Bank of England, to be charged on the Sinking Fund....* [photocopy]. - London: 1778. [RKN: 11457]

Sharman, H Riseborough (1852). *The duty on fire insurance erroneous in principle and injurious in practice.* [pamphlet]. - London: 1852. [RKN: 40198]

Sharman, H Riseborough (1859). *A lecture on the nature and advantages of life assurance: with special reference to the facilities afforded by the scheme of the Postmaster-General to the officers of the Post Office desiring to insure: (Life insurance leaflets; no. 4).* [pamphlet]. - London: G J Stephenson, 1859. - 32 pages. [RKN: 40618]
Institute Library also holds collected Life insurance leaflets by H Riseborough Sharman, numbers 1-7 [RKN: 42850]

Sharman, H Riseborough (1859). *Life assurance leaflets.* [book]. - London: G J Stephenson, 1859. - viii, 32, 32, 55, 32, 7, 6, 13, 15 pages. [RKN: 42850]
Collected articles originally issued as separate leaflets in Leisure Hour magazine.

Sharman, H Riseborough (1860). *Have you insured your life? If not, why not?: (Life assurance leaflets; no. 5).* [pamphlet]. - London: G J Stevenson, 1860. - 7 pages. [RKN: 71006]
Institute Library also holds collected Life insurance leaflets by H Riseborough Sharman, numbers 1-7 [RKN: 42850]

Sharman, H Riseborough (1863). *Why should I insure my life? Arguments for agents, and serious considerations for the uninsured: (Life assurance leaflets; no. 9).* [book]. - London: G J Stevenson, 1863. - 21 pages. [RKN: 71532]

Sharp, Granville (1852). *The prize essay on the application of recent inventions collected at the Great Exhibition of 1851, to the purposes of practical banking.* [pamphlet]. - London: 1852. [RKN: 40109]

Shattuck, Lemuel (1846). *Report to the committee of the city council appointed to obtain the census of Boston for the year 1845, embracing collateral facts and statistical researches, illustrating the history and condition of the population, and their means of progress and prosperity: Palfrey, John G: Statistics of the condition and products of certain branches of industry in Massachusetts, for the year ending April 1, 1845. Prepared from the returns of the assessors.* [book]. - Boston MA (USA): 1846. [RKN: 9299]
Spine lettering: Statistics of Massachusetts & Census of Boston

Shaw, G J (1853). *On the law of partnership.* [pamphlet]. - London: 1853. [RKN: 40790]

- Shaw, George Bernard** (1894;2010 reprint). *Mrs Warren's Profession: With the author's apology*. [book]. Watchmaker Publishing, 1894;2010 reprint. [RKN: 43731]
Play written in 1894, set in 1893, noted for character Vivie, daughter of Mrs Warren, who seeks to support herself through work at 'actuarial calculations' for insurance long before women were allowed to take actuarial exams or join the Institute of Actuaries or Faculty of Actuaries. Without her knowledge her mother's profession running a brothel has supported her education.
- Sheppard, George** (1855). *Life assurance in theory and practice*. [pamphlet]. - Hamilton: 1855. [RKN: 40617]
- Sheppard, W F** (1898). *On the application of the theory of error to cases of normal distribution and normal correlation*. [pamphlet]. - Cambridge: 1898. [RKN: 42211]
Collected papers: Statistical theory from Edinburgh Royal Scientific Institution 1922-1936
- Sheppard, W F** (1899). *A method for extending the accuracy of certain mathematical tables*. [pamphlet]. - London: 1899. [RKN: 42019]
Collected papers: Papers on interpolation, etc 1899-1933
- Sheppard, W F** (1900). *On the calculation of the double-integral expressing normal distribution*. [pamphlet]. - Cambridge: 1900. [RKN: 42210]
Collected papers: Statistical theory from Edinburgh Royal Scientific Institution 1922-1936
- Sheppard, William Fleetwood** (1900). *On the tabulation of certain frequency distributions*. [journal article]. 1900. [RKN: 42189]
Philosophical Magazine (1900)
From the *Philosophical Magazine*, October 1900 -- Collected papers: Statistical theory 1899-1917
- Sherwin, Henry; Briggs, Henry; Wallis, John; Halley, Edmund; Sharp, Abraham** (1717;1705). *Mathematical tables, Contrived after a most comprehensive method; Viz... With their Construction and Use*. - [1st] ed. [book]. - London: R and W Mount and T. Page, 1717;1705. - 1 vols. - [2] 64, [304], 36 pages. [RKN: 20241]
This edition printed with title page date 1717, overwritten as 1705. -- 1st edition published 1705 - reissued with change of title page date 1706 -- 2nd edition 1726; 3rd edition 1741 (edited by William Gardiner); 4th edition 1761 -- Library holds this flawed 1st edition and 4th edition 1761
- Short, Thomas** (1750). *New observations, natural, moral, civil, political and medical, on city, town and country bills of mortality. To which are added, large and clear abstracts of the best authors who have wrote on that subject with an appendix on the weather and meteors*. [book]. - London: 1750. [RKN: 3820]
- Short, Thomas** (1767). *A comparative history of the increase and decrease of mankind in England, and several countries abroad*. [book]. - York: Printed for W Nicoll and C Etherington, 1767. [RKN: 2147]
- Short, Thomas; Wall, Richard** (1767;1973 reprint). *A comparative history of the increase and decrease of mankind in England, and several countries abroad*. - Pioneers of demography. [facsimile reprint]. - Westmead, Farnborough: Gregg International, 1767;1973 reprint. - [12], 213 pages. [RKN: 42985]
Institute Library holds original edition of 1767 - see RKN 2147
- Shortrede, Robert** (1849). *Logarithmic tables containing logarithms to numbers from 1 to 120,000; numbers to logarithms from .1 to 1.00000 to seven places of decimals; tables with centesimal and decimal arguments for finding logarithms and anti-logarithms as far as sixteen and twenty-five places*. [book]. - Edinburgh: 1849. [RKN: 1439]
- Shortrede, Robert** (1858). *Logarithmic tables to seven places of decimals, containing logarithmic sines and tangents to every second of the circle, with arguments in space and time, and MS notes by the author*. [book]. - Edinburgh: 1858. [RKN: 1440]
- Shortrede, Robert** (1864). *Traverse tables to five places for every 2 of angle up to 100 of distance*. [book]. - Edinburgh: 1864. [RKN: 1441]
- Sievekink, E H** (1874). *The medical adviser in life assurance*. [book]. - London: 1874. [RKN: 4990]
- Signet Writers Widows Fund; Thomson, William Thomas** (1873). *Further report with reference to the septennial investigation of the Writers to the Signet Widows' Fund, as at Whitsunday 1872*. [corporate document]. - Edinburgh: 1873. - 18 pages. [RKN: 71054]
- Signet Writers Widows Fund; M'Candlish, J M** (1886). *Report on the widows' fund of the Writers to Her Majesty's Signet, as at Whitsunday 1886*. [corporate document]. 1886. - 21 pages. [RKN: 71055]
- Signet Writers' Widows Fund; Deuchar, D** (1893). *Actuary's report on the widows' fund of the Writers to Her Majesty's Signet, septennial investigation as at Whitsunday 1893*. [corporate document]. - Edinburgh: T and A Constable [printers], 1893. - 25 pages. [RKN: 71289]
- Simpson, Thomas** (1740). *Essays on several curious and useful subjects, in speculative and mix'd mathematicks*. [book]. - London: Printed by H Woodfall, jun for J Nourse, 1740. - - pages. [RKN: 786]
- Simpson, Thomas** (1740;1792). *The nature and laws of chance*. [book]. - London: printed by Edward Cave, 1740;1792. - [2],iv,85,[1] pages. [RKN: 1673]
Another 1792 edition is bound in Tracts volume 26 -- At the back of the 1792 edition is "Of the laws of chance, or, a method of calculation of the hazards of game", 4th edition, 1738, revised by John Ham

- Simpson, Thomas** (1742). *The doctrine of annuities and reversions, deduced from general and evident principles; with useful tables, shewing the values of single and joint lives, etc, at different rates of interest. To which is added, a method of investigating the value of annuities by approximation, without the help of tables.* - [1st] ed. [book]. - London: 1742. - viii, 128; [2], 16; 88 pages. [RKN: 20057]
Institute Library holds 1st (1740) and 2nd (1775) editions -- Featured in 'Some Landmarks in Actuarial Science', exhibition, November 1985
- Simpson, Thomas** (1752). *Select exercises for young proficients in the mathematicks.* [book]. - London: 1752. [RKN: 4468]
- Simpson, Thomas** (1757). *Miscellaneous tracts on some curious and very interesting subjects in mechanics, physical-astronomy, and speculative mathematics, wherein, the precession of the Equinox, the nutation of the Earth's axis, and the motion of the moon in her orbit, are determined.* [book]. - London: 1757. [RKN: 787]
- Simpson, Thomas** (1767;1775). *A treatise of algebra. Wherein the principles are demonstrated, and applied in many useful and interesting enquiries and in the resolution of a great variety of problems of different kinds. To which is added, the geometrical construction of a great number of linear and plane problems, with the method of resolving the same numerically.* [book]. - London: 1767;1775. [RKN: 915]
Third edition revised: 1767 AN:1214 -- Fourth edition revised: 1775 AN:1215 -- Faculty holds third edition (1767) only
- Simpson, Thomas** (1775). *The doctrine of annuities and reversions, deduced from general and evident principles: with useful tables, shewing the values of single and joint lives, etc at different rates of interest. To which is added, a method of investigating the value of annuities by approximation, without the help of tables.* - 2nd ed. [book]. - London: printed for John Nourse, 1775. - viii, 144 pages. [RKN: 13251]
Institute Library holds 1st (1740) and 2nd (1775) editions
- Simpson, Thomas** (1791). *A supplement to the doctrine of annuities and reversions, deduced from general and evident principles: containing the valuation of annuities and reversions, for single and joint lives; with the necessary tables.* [pamphlet]. - London: Printed for F Wingate, 1791. - 88 pages. [RKN: 70660]
- Simpson, Thomas** (1792). *The nature and laws of chance.* [book]. - London: printed by Edward Cave, 1792. - [2],iv,85,[1] pages. [RKN: 41327]
Library holds [1st] (1740) and 2nd (1792) editions -- At the back of the 1792 edition is "Of the laws of chance, or, a method of calculation of the hazards of game", 4th edition, 1738, revised by John Ham -- Originally entered under 1673
- Simpson, Thomas** (1792). *The nature and laws of chance.* [pamphlet]. - London: 1792. - 95 pages. [RKN: 70661]
- Simpson, Thomas** (1823). *The doctrine and application of fluxions containing a number of new improvements in the theory; and the solution of a variety of new and very interesting problems, in different branches of the mathematics.* - New ed. [book]. - London: 1823. - 2 vols. [RKN: 1108]
2 volumes
- Sinclair, J** (1885). *Classification of fire risks.* [pamphlet]. - Melbourne: 1885. [RKN: 40364]
- Sinclair, James** (1816). *The Code of Health & Longevity.* - 3rd ed. [book]. 1816. [RKN: 43119]
Equitable Life Assurance Society archive reference EL934B
- Sinclair, John (Sir)** (1798). *The statistical account of Scotland: Drawn up from the communications of the ministers of of the different parishes.* - 1st ed. [book]. - Edinburgh: Printed and sold by William Creech., 1798. - 21 vols. [RKN: 20242]
Institute Library set held at Faculty Library
- Sir Ralph Abercromby Friendly Society; Meikle, James** (1866). *Report on the affairs of the Sir Ralph Abercromby Friendly Society as at 31st December 1865.* [corporate document]. - Edinburgh: 1866. - 12 pages. [RKN: 70766]
- Sir Ralph Abercromby Friendly Society; Meikle, James** (1872). *Report on the affairs of the Sir Ralph Abercromby Friendly Society and Lodge No. 3456 of the Independent Order of Oddfellows [Manchester Unity] as at 31st December 1870.* [corporate document]. - Edinburgh: Shirley & Harkness [printers], 1872. - 16 pages. [RKN: 70339]
- Skirving, James; Edinburgh Journeymen Goldsmiths Society** (1825). *Report...upon the following queries submitted to him by the Edinburgh Journeymen Goldsmiths' Society.* [corporate document]. - Edinburgh: P Neill [printer], 1825. - 8 pages. [RKN: 70676]
- Slater, D M** (1893). *Life assurance in India: its origin and development.* [pamphlet]. - Bombay: 1893. - 30, 8 pages. [RKN: 71142]
- Smart, Andrew** (1866). *Reports to the Lord Provost and Magistrates of the City of Edinburgh on the pathological appearances, symptoms, treatment and means of preventing cattle plague: With 22 coloured lithographs and analytical tables of one hundred dissections.* [pamphlet]. - Edinburgh: MacLachan & Stewart, 1866. - 46 (+ 4 plates) pages. [RKN: 71078]
Reports followed by a letter from the author to the Lord Provost and Magistrates of Edinburgh on the subject of Rinderpest preventives and the liability of sheep to the disease
- Smart, John** (1707). *Tables of interest and discount written in ye year 1707.* [manuscript]. 1707. - [2] (title page), 79, [6] pages. [RKN: 20243]
Acquired from the collection and estate of Trevor Sibbett FIA.
Contents include: 'Index: The Table of: -- 'Reduction - 1 -- 'Discount of 1 [pound] for months - 2 -- 'Roots - 4 -- 'Number of days - 5 -- 'Interest of 1 [pound] for days - 6 -- 'Discount of 1 [pound] for days - 28 -- 'Amount of 1 [pound] - 50 -- 'Present value of 1 [pound] - 56 -- 'Amount of 1 [pound] [...] &c. - 62 -- 'Present value of 1 [pound] - 68 -- 'Annuities which 1 [pound] will purchase - 74-79.

Smart, John (1726). *Tables of interest, discount, annuities, &c.* - 2nd ed. [book]. - London: Printed by J Darby and T Browne, 1726. - [8],123,[1] pages. [RKN: 4424]

One copy (AN 31773) has 45 + [2, 2] additional pages in manuscript, verified as in the hand of John Smart - see separate catalogue record 43201 -- One copy (AN has additional pages bound in: "A Scheme of the Proportions the several counties in England paid to the Land Tax in 1693 and to the Subsidies in 1697 compared with the number of Members then sent to Parliament ... calculated by John Smart at the Town Clerks Office London" (ca. 1745) inserted before John Smart's Tables... 1726; and "An Account of the Number of Persons Dying at the several Ages undermentioned... of the Number of Persons Dying in every Seven Years Current... of Persons Buried in Ten Years past as published by the Company of Parish Clerks, in the Yearly Bills of Mortality viz." [years 1728-1737] and "A Table shewing the Probabilities of Life, by Observations made from the Bills of Mortality in London. By John Smart, Gent.

Smart, John (1726). *Tables of interest, discount, annuities, &c [with manuscript additions].* - 2nd ed. [book;manuscript]. - London: Printed by J Darby and T Browne, 1726. - [8],123,[1] + [1] 45, [2], [2] p. manuscript pages. [RKN: 43201]

This copy (AN 31773) has [1], 45 + [2, 2] additional pages in manuscript, most verified as in the hand of John Smart - see separate catalogue record 43201 -- Inserted letter to A W Evans, dated 27 February 1948, outlines research of Corporation of London records which verify that manuscript pages 1-44 are written by John Smart; pages 45 + [2] are in another hand (on mortality data for years 1742-1771 after John Smart died in November 1742. -- Library has 4 other copies of the printed book - see catalogue record 44

Smart, John (1735). *Tables of interest, etc. Abridged for the use of schools.* [book]. - London: 1735. [RKN: 4423]
Faculty copy dated 1736

Smart, John (1738). *A letter from Mr Smart to George Heathcote Esq, re inclosing tables extracted from ye Bills of Mortality for the last ten years, and from them shewing the probabilities of life, in order to estimate annuities &c..* [manuscript facsimile]. 1738. [RKN: 3840]

Manuscript letter read at the Royal Society in 1738 -- Features in S Haberman and T A Sibbett (ed), History of actuarial science, v. I -- Featured in 'Some Landmarks in Actuarial Science', exhibition, November 1985

Smart, John (1738). *A letter from Mr Smart to George Heathcote Esq, re inclosing tables extracted from ye Bills of Mortality for the last ten years, and from them shewing the probabilities of life, in order to estimate annuities &c.* [manuscript facsimile]. 1738. [RKN: 40013]

Manuscript letter read May 1738 -- Features in S Haberman & T A Sibbett (ed) History of actuarial science (1995), v.I -- Featured in 'Some Landmarks in Actuarial Science', exhibition, November 1985

Smart, William (1891). *An introduction to the theory of value on the lines of Menger, Wieser, and Bohm-Bawerk.* [book]. - London: Macmillan, 1891. - vi,[ii],88,[2], 44p publ cat pages. [RKN: 6420]

Smedley, Edward, Rose, Hugh James and Rose, Henry John. (Editors) (1849). *Annuities (Encycloaedia Metropolitana; volume XIV) Universal Dictionary of Knowledge.* [pamphlet]. - London: 1849. [RKN: 40915]

Smee, A (1839). *On the formation of moulding tablets for fractures, etc.* [pamphlet]. - London: 1839. [RKN: 40565]

Smee, A (1840). *On the Ferrosesquicyanuret of Potassium.* [pamphlet]. - London: 1840. [RKN: 40564]

Smee, A (1840). *On the galvanic properties of the principle elementary bodies, with a description of a new chemico-mechanical battery.* [pamphlet]. - London: 1840. [RKN: 40566]

Smee, A (1840). *On the production of electrolytes.* [pamphlet]. - London: 1840. [RKN: 40567]

Smee, A (1840). *On the structure of normal and adventitious bone.* [pamphlet]. - London: 1840. [RKN: 40568]

Smith, Adam (1761). *An inquiry into the nature and causes of the wealth of nations: With a life of the author, an introductory discourse, notes and supplemental dissertations.* - 5th ed. [book]. - Edinburgh: Adam and Charles Black [etc.], 1761. - lxvi, 685: ill.port. ; 23 cm pages. [RKN: 70882]

Smith, Adam (1784). *An inquiry into the nature and causes of the wealth of nations.* - 3rd ed. [book]. - Edinburgh: W Strahan and T Cadell, 1784. - 3 vols. [RKN: 6487]

Smith, Adam (1796). *An inquiry into the nature and causes of the wealth of nations.* - 8th ed. [book]. - London: 1796. - 3 vols. [RKN: 6488]

Smith, Adam (1809). *An inquiry into the nature and causes of the wealth of nations.* - 4th ed. [book]. - Edinburgh: 1809. - 3 vols. [RKN: 6486]

Smith, Frederick G (1837). *Observations on life assurance: illustrative of the many important benefits resulting to society from its practice : To which is added a brief outline of the Scottish Union Assurance Corporation.* [pamphlet]. - [Edinburgh]: Scottish Union Assurance Corporation, 1837. - 44 pages. [RKN: 70911]

Acquired from the collection and estate of Trevor Sibbett FIA.

Smith, H A (1863). *On a table indicating the annual premium from the single and vice versa.* [pamphlet]. 1863. - 4 pages. [RKN: 70787]

Smith, H A (1881). *Annual and single endowment assurance premiums - Institute of Actuaries Hm 3 per cent.* [pamphlet]. - London: 1881. [RKN: 40322]

Smith, H J (1885). *Fire surveys.* [pamphlet]. - Melbourne: 1885. [RKN: 40365]

Smith, J T (1870). *On the methods of computing the comparative values of gold and silver in India*. [pamphlet]. 1870. [RKN: 40366]

Smith, J T (1876). *Silver and the Indian Exchanges; a remedy for its depreciation, in three essays, submitted to the Secretary of State for India in Council*. [pamphlet]. - London: 1876. [RKN: 40367]

Smithson, Peter (1764;1765). *Course of the Exchange &c, London, Tuesday January 3, 1764 [- Tuesday, December 31, 1765]*. [book]. - London: Published Tuesdays and Fridays by Peter Smithson, broker, and the sister of the late John Castaing, 1764;1765. - 1 vols. - [203] (of 207 issues) pages. [RKN: 43198]

Original published as separate list sheets, here collected as volume of stock listings for years 1764 to 1765. -- Peter Smithson followed Richard Shergold in 1764 as compiler of the listing originated by John Castaing in 1698. -- Twice-weekly issued lists record in tabular form a variety of financial data, including prices of money, precious metals, commodities, stocks and bonds, lottery tickets, annuities, assurances and other financial instruments

Smithsonian Institution. Board of Regents (1873). *Annual report showing the operations, expenditures, and condition of the Institution for the year 1871*. [book]. - Washington DC (USA): Government Printing Office, 1873. - 473 pages. [RKN: 15494]

Smithsonian Institution. Board of Regents (1874). *Annual report showing the operations, expenditures, and condition of the Institution for the year 1873*. [book]. - Washington DC (USA): Government Printing Office, 1874. - 452 pages. [RKN: 15517]

Smyth, E (1860). *A manual of interest and annuities, comprising a popular explanation of the solution of questions of compound interest and annuities for years; with an auxiliary table for fifty-four rates of interest; also the values of life annuities by the English life tables; and an appendix containing suggestions for the more equitable assessment of the income tax*. [book]. - London: 1860. [RKN: 4343]

Smyth, E (1870). *On the enfranchisement of copyholds of inheritance*. [pamphlet]. - London: 1870. [RKN: 40323]

Sneath, A W (1898). *Fire policy conditions*. [book]. - Leeds: 1898. [RKN: 6196]
Also bound in: Life assurance tracts, volume 8

Snoer, M G (1875). *Lijfrente en Levensverzekering*. [pamphlet]. - Amsterdam: 1875. [RKN: 40494]

Snow, Edwin M (1859). *Report on the Small Pox in the city of Providence, from January to June 1859*. [pamphlet]. - Providence RI (USA): 1859. [RKN: 40721]

Societe d'Assurance Mutuelle Contre la Grele (1819). *Ordonnance du roi*. [corporate document]. 1819. [RKN: 40639]

Society for Equitable Assurances (1801). *The Deed of Settlement of the Society for Equitable Assurances with the bye laws of the Society: And three addresses delivered at three different general courts of the society, by Mr Morgan, the Actuary*. [corporate document]. - London: printed by Bye and Law, 1801. - vii,[1],170 + 23 pages. [RKN: 12140]

Society for Equitable Assurances (1811). *Deed of Settlement,.... with the bye-laws of the Society, and four addresses... by Mr. Morgan, the Actuary*. [corporate document]. - London: 1811. [RKN: 9939]
Addresses dated 1793, 1795, 1800, 1809, 1816, on pages 115, 133, 149, 171, 189

Society for Equitable Assurances (1817). *A short account of the Society for Equitable Assurances on lives and survivorships, established by deed, inrolled in his Majesty's Court of King's Bench at Westminster*. [corporate document]. - London: Printed by J Bryan & Son, 1817. - 20, [2] pages. [RKN: 42978]

Society for Equitable Assurances (1820). *The Deed of Settlement of the Society for Equitable Assurances on Lives and Survivorships, with the bye-laws of the Society, and six addresses delivered at six different general courts of the Society by Mr Morgan, the Actuary*. [corporate document]. 1820. [RKN: 9027]

Society for Equitable Assurances; Morgan, William (1833). *The Deed of Settlement of the Society for Equitable Assurances on Lives and Survivorships, as the same is inrolled in His Majesty's Court of King's Bench at Westminster in the year 1765; with the bye-laws and orders: To which are appended reports by the court of directors, and nine addresses by William Morgan Esq., F.R.S., late Actuary of the Society*. [corporate document]. - London: Printed by Richard Taylor, 1833. [RKN: 20109]

'Nine Addresses' by William Morgan, Actuary (1775-1830) delivered at a General Court holden 7th May, 1793; 3rd December 1795; 24th April, 1800; 7th December, 1809; 5th December, 1816; 2nd December, 1819; 3rd March, 1825; 3rd December, 1829; and, 2nd December 1830 -- Library also holds 1811 edition with four addresses by Willam Morgan to date.

Society for Equitable Assurances; [Morgan, Arthur] (1834). *Tables showing the total number of persons assured in the Equitable Society from its commencement in September 1762 to 1st January 1829*. [corporate document]. - London: 1834. [RKN: 2865]
Bound with: Report Select Committee on Life Annuities 1829, Select Committees on Friendly Societies 1825 1827

Society for Equitable Assurances (1850). *A short account of the Society for Equitable Assurances on lives and survivorships, established by deed,* [corporate document]. - London: Printed by Richard and John E Taylor, 1850. - 24 pages. [RKN: 70899]

Society for Equitable Assurances (1854). *Equitable Society. Reports made on various occasions by the Court of Directors*. [corporate document]. - London: Printed by Taylor & Francis, 1854. [RKN: 8131]

Society for Equitable Assurances (1854). *Equitable Society. Reports made on various occasions by the court of directors*. [corporate document]. 1854. [RKN: 8561]

Society for Equitable Assurances (1881). *The Deed of Settlement of the Society for Equitable Assurances on Lives and Survivorships with the bye-laws and orders.* [corporate document]. - London: 1881. [RKN: 8130]

Revised edition; first published 1854

Society for Equitable Assurances on Lives and Survivorships (1783). *A short account of the Society for Equitable Assurances, etc.* [corporate document]. - London: 1783. - 25 pages. [RKN: 20097]

Society for Equitable Assurances on Lives and Survivorships; Morgan, William (1793). *Address delivered by the Actuary to the Members of the Society for Equitable Assurances on Lives and Survivorships, at a General Court holden the seventh of March, M DCC XCIII.* [corporate document]. 1793. [RKN: 40941]

Society for Equitable Assurances on Lives and Survivorships (1795). [*Life insurance policy: no. 15411 and premium payment receipt*]. [manuscript]. - [England]: 1795. - 1 + 1 pages. [RKN: 43177]

Policy issued on the life of his wife Jane Wade for the period of eighteen months assuring £4000 payable to Robert Wade at a premium of 82 pounds and 1 shilling. -- Acquired separately, not part of Archive of the Equitable Life Assurance Society.

Society for Equitable Assurances on Lives and Survivorships; Morgan, William (1800). *Address to the Members of the Society for Equitable Assurances on Lives and Survivorships, at a General court holden the twenty-fourth of April, M.DCCC.* [corporate document]. 1800. [RKN: 40980]

Society for Equitable Assurances on Lives and Survivorships; Morgan, Arthur (1837). *Observations on the operation of the bye-law of the 19th December, 1816, upon the present prospective interests of new assurers, with supplement.* [corporate document]. - London: 1837. [RKN: 40538]

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Engraved broadside with central mezzotint and etched vignettes, [n.d., c.1762.] Satire on the South Sea Bubble; a man weeps holding up his cloak and handkerchief; above is an emblematic scene and below a coat of arms. On all sides engraved text giving a 'List of Bubbles' including: 'Insurance on Lives', 'Insurance on Horses' 'Royal Assurance', 'London Assurance' 'Rose insurance from Fire', 'Insurance on Ships &c', 'Lending Money on Bottom-ree' [marine insurance]. -- This plate was first issued by Thomas Bowles in 1720; this impression from a re-worked and re-issued state on laid paper, by his successor Henry Carington Bowles (1724 - 1793). It is the second of a pair: the first depicting optimistic figure investing funds in the scheme in hope of profitable returns; this second depicts a sorrowful figure impoverished by his losses. The epigram on each 'bubble' matched text also featured in a set of playing cards issued at the same time. -- The plate had first appeared in the illustrated Crowle, Pennant's 'Some Account of London', Part XII, No.139 -- The South Sea Company was a British joint stock company that traded in South America during the 18th century. Founded in 1711, the company was granted a monopoly to trade in Spain's South American colonies as part of a treaty during the War of Spanish Succession. In return, the company assumed the national debt England had incurred during the war. Speculation in the company's stock led to a great economic bubble known as the South Sea Bubble in 1720, which caused financial ruin for many.
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[Tontine (France)] (1792). *Tontines immobilières, ou administration générale de ventes d'immeubles & acquisitions en tontines-proprétaires: d'emprunts immobiliers & tontines viagères; de ventes on lotteries, et d'agence: établie par brevet d'invention du 25 avril 1792*. [pamphlet]. - Paris: De l'Imprimerie de l'administration des Tontines Immobilières, 1792. - 1 vols. - 12 pages. [RKN: 43216]

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The nominees are the lives enrolled into the 'Million Act' of 1692, or more fully, An Act for granting to their Majesties certain rates and duties of excise upon beer ale and other liquors for securing certain recompences and advantages in the said Act menci[oned] to such persons as shall voluntarily advance the Su[m]me of Ten hundred thousand Pounds towards carrying on the War against France. 1692. (1692, chapter III) [The 'Million Act' tontine]
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'Books were opened at different offices, on that day, and continued three mons; since which fines in proportion to the lapses of tome have been, and are to be paid by those who become Members of the Society, till the 21st, 1791, when the books will be closed, and no more subscribers admitted - p.1 -- Pamphlet makes reference to 'the assistance of the following statements, drawn from the 6th Table of Dr [Richard] Price on annuities, being a table of the Probabilities of Life at Northampton; which table is selected in preference to that of "The Probabilities of Life in London"...'.

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Two printed documents in one volume. -- Manuscript annotations document subsequent participation of nominee members in the tontine up to ca. 1814 -- 'In April 1814 the whole of the Government Nominees were extinct' - p. 118 of first list of government nominees

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Institute Library also holds original edition of 1558. This 'quatrième' edition is a reprint of a second edition of 1571. It has an added chapters: Livre II, Ch. XIII [XIV] and Livre III, Ch. XI, compared to 1558 edition. -- British Library has 1571 edition (531.d.10)

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Original Act for enabling the Commissioners of the National Debt to grant Life Annuities, (48 Geo. III, cap. CXLII [142], 1808).
Later amending Acts were made in 1809, 1812, 1816
- United Kingdom. Parliament** (1809). *An Act to amend an Act passed in the last session of Parliament, for enabling the Commissioners for the Reduction of the National Debt to grant Life Annuities: Anno Georgii III. Regis. Anno quadregesimo nono Cap. LXIV [64] [3d June 1809].* [legislation]. - London: Printed by George Eyre and Andrew Strahan, 1809. - 3 [nn. 461-463] pages. [RKN: 43220]
Original Act for enabling the Commissioners of the National Debt to grant Life Annuities, (48 Geo. III, cap. CXLII [142], 1808).
Later amending Acts were made in 1809, 1812, 1816
- United Kingdom. Parliament** (1812). *An Act for settling and securing a certain Annuity on Earl Wellington and the two next persons to whom the Title of Earl Wellington shall descend, in consideration of his eminent services: Georgii III. Regis. Cap. XXXVII. 20 April 1812.* [legislation]. - London: 1812. - 3 [nn. 305-307] pages. [RKN: 43105]

United Kingdom. Parliament (1812). *An Act for amending two Acts passed in the forty-eighth and forty-ninth years of His present Majesty, for enabling the Commissioners for the Reduction of the National Debt to grant Life Annuities: Anno Georgii III. Regis. Anno quinquagesimo secundo Cap. CXXIX [129] [18th July 1812].* [legislation]. - London: Printed by George Eyre and Andrew Strahan, 1812. - 12 [nn. 1189-1200] pages. [RKN: 43221]

Original Act for enabling the Commissioners of the National Debt to grant Life Annuities, (48 Geo. III, cap. CXLII [142], 1808).

Later amending Acts were made in 1809, 1812, 1816

United Kingdom. Parliament (1813). *An Act to repeal an Act of the seventeenth year of His present Majesty, intituled An Act for registering the Grants of Life Annuities, and for the better Protection of Infants against such Grants, and to substitute other provisions in lieu thereof: Anno Georgii III. Regis. Anno quinquagesimo tertio Cap. CXXI [191] [14th July 1813].* [legislation]. - London: Printed by George Eyre and Andrew Strahan, 1813. - 6 [nn. 1037-1041] pages. [RKN: 43222]

United Kingdom. Parliament (1816). *An Act to amend and render more effectual three several Acts passed in the forty-eighth, forty-ninth, and fifty-second years of his present Majesty, for enabling the Commissioners for the Reduction of the National Debt to grant Life Annuities: Georgii III. Regis. Cap. LIII. 20th June 1816.* [legislation]. - London: Printed by George Eyre and Andrew Strahan, 1816. - 3 [nn. 361-363] pages. [RKN: 43106]

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Original Act for enabling the Commissioners of the National Debt to grant Life Annuities, (48 Geo. III, cap. CXLII [142], 1808).

Later amending Acts were made in 1809, 1812, 1816

United Kingdom. Parliament (1819). *An Act to amend and render more effectual several Acts for enabling the Commissioners for the Reduction of the National Debt to grant Life Annuities, and to empower the said Commissioners to grant Annuities for Lives or Years, for promoting the beneficial Purposes of the Fund commonly called The Waterloo Subscription: Anno Georgii III. Regis. Cap. XXXIV. 19 May 1819.* [legislation]. - London: Printed by George Eyre and Andrew Strahan, 1819. - 9 [nn. 361-370] pages. [RKN: 43199]

Amending Act to the original Act for enabling the Commissioners of the National Debt to grant Life Annuities, (48 Geo. III, cap. CXLII [142], 1808).

Earlier amending Acts were made in 1809, 1812, 1816,

United Kingdom. Parliament (1827). *An Act to amend and Act for enlarging the powers of the Company of Merchants of the City of Edinburgh.* [legislation]. Spottiswoode and Robertson, 1827. - 27 pages. [RKN: 62840]

United Kingdom. Parliament (1828). *An Act to repeal so much of several Acts as empowers the Commissioners for the Reduction of the National Debt to grant Life Annuities: Anno Georgii IV. Regis. Anno nono Cap. XVI [16] [9th May 1828].* [legislation]. - London: Printed by George Eyre and Andrew Strahan, 1828. - 3 [nn. 173-175] pages. [RKN: 43224]

Original Act for enabling the Commissioners of the National Debt to grant Life Annuities, (48 Geo. III, cap. CXLII [142], 1808).

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United Kingdom. Parliament (1829). *An Act to consolidate and amend the laws relating to friendly societies.* [legislation]. 1829. - 38 pages. [RKN: 62628]

United Kingdom. Parliament (1829). *An Act to consolidate and amend the laws relating to friendly societies.* [legislation]. 1829. - 24 pages. [RKN: 62789]

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United Kingdom. Parliament (1829). *An Act to enable the Commissioners for the Reduction of the National Debt to grant Life Annuities and Annuities for terms of years: Anno Georgii IV. Regis. Anno decimo Cap. XXIV [24] [22nd May 1829].* [legislation]. - London: Printed by George Eyre and Andrew Strahan, 1829. - 22 [nn. 205-226] pages. [RKN: 43225]

Original Act for enabling the Commissioners of the National Debt to grant Life Annuities, (48 Geo. III, cap. CXLII [142], 1808).

Later amending Acts were made in 1809, 1812, 1816

United Kingdom. Parliament (1831). *Extract act of the Right Honourable the Lord Provost...of the City of Edinburgh...containing rules and regulations for the government of the incorporated trades of Calton.* [legislation]. - Edinburgh: Oliver and Boyd, 1831. - 43 pages. [RKN: 70707]

United Kingdom. Parliament (1832). *An Act to amend an Act of the tenth year of his late Majesty King George the Fourth, by extending the time within which pre-existing Societies must conform to the provisions of that Act.* [legislation]. 1832. - 8 pages. [RKN: 62629]

Spine reads: Friendly Society pamphlets

United Kingdom. Parliament (1832). *An act to enable the Standard Life Assurance Company to sue and be sued in the name of their manger; for confirming the rules and regulations of the said company; and for other purposes relating thereto.* [legislation]. 1832. - 31 pages. [RKN: 62675]

United Kingdom. Parliament (1832). *An Act to amend an Act of the tenth year of His late Majesty King George the Fourth, by extending the time within which pre-existing societies must conform to the provisions of that [Friendly Societies] Act.* [legislation]. 1832. - 2 pages. [RKN: 62790]

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United Kingdom. Parliament (1833). *An Act to enable depositors in savings banks, and others, to purchase government annuities through the medium of savings banks; and to amend an Act of the ninth year of his late Majesty, to consolidate and amend the laws relating to savings banks.* [legislation]. 1833. - 24 pages. [RKN: 62631]

Spine reads: Friendly Society pamphlets

United Kingdom. Parliament (1834). *An Act to amend an Act of the tenth year of His late Majesty King George the Fourth, to consolidate and amend the laws relating to friendly societies.* [legislation]. 1834. - 8 pages. [RKN: 62869]
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United Kingdom. Parliament (1842). *An Act for granting to Her Majesty duties on profits arising from property, professions, trades and offices, until the sixth day of April 1845.* [legislation]. 1842. - 163 pages. [RKN: 62801]

United Kingdom. Parliament (1842). *An Act for granting duties on profits arising from property, professions, trades and offices; with an explanatory introduction, a table for calculating the payments, the official regulations, and a copious index.* [legislation]. 1842. [RKN: 62831]
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United Kingdom. Parliament (1843). *An Act for improving the law of evidence.* [legislation]. 1843. - 2 pages. [RKN: 62832]
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United Kingdom. Parliament (1844). *An act to regulate joint stock banks in England.* [legislation]. - Edinburgh: Thomas Constable [printer], 1844. - 20 pages. [RKN: 70760]

United Kingdom. Parliament (1844). *An Act for the registration, incorporation and regulation of joint stock companies.* [legislation]. 1844. - 11 pages. [RKN: 62792]
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United Kingdom. Parliament (1845). *An act to alter and extend some of the provisions contained in the Act of Parliament constituting 'The Standard Life Assurance Company'.* [legislation]. 1845. - 15 pages. [RKN: 62676]

United Kingdom. Parliament (1846). *An Act to amend the laws relating to friendly societies.* [legislation]. 1846. - 11 pages. [RKN: 62791]
Contents of volume are detailed on front cover

United Kingdom. Parliament (1848). *The Joint Stock Companies Act.* [legislation]. 1848. - 8 pages. [RKN: 62770]
Contents of volume are detailed on front cover

United Kingdom. Parliament (1848). *An Act for more effectually watching, cleansing and lighting the streets of the City of Edinburgh and adjoining districts, for regulating the police thereof, and for other purposes relating thereto.* [legislation]. 1848. - 104 pages. [RKN: 62788]
Contents of volume are detailed on front cover

United Kingdom. Parliament (1850). *An Act to authorize further advances of money for drainage and the improvement of landed property in the United Kingdom, and to amend the Act relating to such advances.* [legislation]. 1850. - 6 pages. [RKN: 62815]
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United Kingdom. Parliament (1850). *An Act to repeal certain stamp duties, and to grant others in lieu thereof; and to amend the laws relating to the stamp duties.* [legislation]. 1850. - 39 pages. [RKN: 62816]
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United Kingdom. Parliament (1850). *An Act to consolidate and amend the laws relating to friendly societies.* [legislation]. 1850. - 29 pages. [RKN: 62821]
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United Kingdom. Parliament (1852). *An act for the registration, incorporation and regulation of joint stock companies, 5th September 1844.* [legislation]. - London: Eyre and Spottiswoode [printer], 1852. [RKN: 71160]

United Kingdom. Parliament (1853). *An Act to repeal certain stamp duties, and to grant others in lieu thereof, to give relief with respect to the stamp duties on newspapers and supplements thereto, to repeal the duty on advertisements, and otherwise to amend the laws relating to stamp duties.* [legislation]. 1853. - 7 pages. [RKN: 62818]
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United Kingdom. Parliament (1853). *An Act for granting to Her Majesty duties on profits arising from property, professions, trades and offices.* [legislation]. 1853. - 28 pages. [RKN: 62819]
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United Kingdom. Parliament (1853). *An Act for granting to Her Majesty duties on succession to property, and for altering certain provisions of the Acts charging duties on legacies and shares of personal estates.* [legislation]. 1853. - 59 pages. [RKN: 62820]
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United Kingdom. Parliament (1853). *An Act to amend the laws relating to the investments of friendly societies.* [legislation]. 1853. - 4 pages. [RKN: 62822]
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United Kingdom. Parliament (1853). *An Act to consolidate and amend the laws and to grant additional facilities in relation to the purchase of government annuities through the medium of savings banks, and to make other provisions in respect thereof.* [legislation]. 1853. - 16 pages. [RKN: 62823]
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United Kingdom. Parliament (1853). *An Act to extend for a limited time the provision for abatement of income tax in respect of insurance on lives.* [legislation]. 1853. - 4 pages. [RKN: 62825]
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United Kingdom. Parliament (1854). *An Act to repeal the laws relating to usury and to the enrolment of annuities.* [legislation]. 1854. - 4 pages. [RKN: 62806]
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United Kingdom. Parliament (1854). *An Act to make further provisions in relation to certain friendly societies.* [legislation]. 1854. - 4 pages. [RKN: 62807]
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United Kingdom. Parliament (1854). *An Act for granting to Her Majesty additional duties on profits arising from property, professions, trades and offices.* [legislation]. 1854. - 4 pages. [RKN: 62809]
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United Kingdom. Parliament (1854). *An Act for granting to Her Majesty an increased rate of duty on profits arising from property, professions, trades and offices.* [legislation]. 1854. - 4 pages. [RKN: 62810]
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United Kingdom. Parliament (1854). *An Act to amend the laws relating to stamp duties.* [legislation]. 1854. - 16 pages. [RKN: 62812]
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United Kingdom. Parliament (1855). *An Act to consolidate and amend the law relating to friendly societies.* [legislation]. 1855. - 27 pages. [RKN: 62808]
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United Kingdom. Parliament (1855). *An Act for granting to Her Majesty an increased rate of duty on profits arising from property, professions, trades and offices.* [legislation]. 1855. - 3 pages. [RKN: 62811]
Contents are detailed on front cover

United Kingdom. Parliament (1855). *An Act to continue the Act for extending for a limited time the provision for abatement of income tax in respect of insurance on lives.* [legislation]. 1855. - 11 pages. [RKN: 62813]
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United Kingdom. Parliament (1856). *An Act for the incorporation and regulation of joint stock companies and other associations.* [legislation]. 1856. - 64 pages. [RKN: 62771]
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United Kingdom. Parliament (1856). *An Act to amend the laws relating to the duties on fire assurances.* [legislation]. 1856. - 4 pages. [RKN: 62774]
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United Kingdom. Parliament (1856). *An Act to reduce the stamp duties on certain instruments of proxy; to amend the laws relating to the stamping of articles of clerkship to attorneys and others; and to exempt from stamp duty admissions to the freedom of the City of London by redemption.* [legislation]. 1856. - 4 pages. [RKN: 62775]
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United Kingdom. Parliament (1856). *An Act to amend the Acts relating to the advance of public money to promote the improvement of land.* [legislation]. 1856. - 7 pages. [RKN: 62776]
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United Kingdom. Parliament (1856). *An Act to amend the law relating to drafts on bankers.* [legislation]. 1856. - 4 pages. [RKN: 62777]
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United Kingdom. Parliament (1857). *An Act to amend the Joint Stock Companies Act, 1856 [13 July 1857].* [legislation]. 1857. - 10 pages. [RKN: 62772]
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United Kingdom. Parliament (1857). *An Act to amend the Joint Stock Companies Act, 1856 [25 August 1857].* [legislation]. 1857. - 4 pages. [RKN: 62773]
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United Kingdom. Parliament (1857). *An Act to amend the law relating to banking companies.* [legislation]. 1857. - 8 pages. [RKN: 62778]
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United Kingdom. Parliament (1858). *An Act to amend the Joint Stock Companies Acts, 1856 and 1857, and the Joint Stock Banking Companies Act, 1857.* [legislation]. 1858. - 8 pages. [RKN: 62785]
Contents of volume are detailed on front cover

United Kingdom. Parliament (1858). *An Act to enable joint stock banking companies to be formed on the principle of limited liability.* [legislation]. 1858. - 3 pages. [RKN: 62786]
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United Kingdom. Parliament (1859). *An act for making further provisions with respect to the Standard Life Assurance Company.* [legislation]. 1859. - 15 pages. [RKN: 62677]

United Kingdom. Parliament (1860). *An Act for granting to Her Majesty duties on profits arising from property, professions, trades and offices.* [legislation]. 1860. - 4 pages. [RKN: 62781]
Contents of volume are detailed on front cover

United Kingdom. Parliament (1860). *An Act for granting to Her Majesty certain duties of stamps.* [legislation]. 1860. - 12 pages. [RKN: 62783]
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United Kingdom. Parliament (1860). *An Act for granting to Her Majesty certain duties of stamps, and to amend the laws relating to the stamp duties.* [legislation]. 1860. - 12 pages. [RKN: 62784]
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United Kingdom. Parliament (1861). *An Act to continue certain duties of customs and inland revenue for the service of Her Majesty, and to alter and repeal certain other duties.* [legislation]. 1861. - 11 pages. [RKN: 62782]
Contents of volume are detailed on front cover

United Kingdom. Parliament (1862). *An Act for the incorporation, regulation, and winding up of trading companies and other associations.* [legislation]. 1862. - 96 pages. [RKN: 62794]
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United Kingdom. Parliament (1863). *An Act to grant certain duties of customs and inland revenue.* [legislation]. 1863. - 8 pages. [RKN: 62799]
Contents are detailed on front cover

United Kingdom. Parliament (1864). *An Act for the Improvement of Land Act, 1864.* [legislation]. 1864. - 42 pages. [RKN: 62795]
Contents are detailed on front cover

United Kingdom. Parliament (1864). *An Act to grant additional facilities for the purchase of small Government annuities, and for assuring payments of money on death.* [legislation]. 1864. - 8 pages. [RKN: 62798]
Contents are detailed on front cover

United Kingdom. Parliament (1864). *An Act to grant certain duties of customs and inland revenue.* [legislation]. 1864. - 17 pages. [RKN: 62800]
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United Kingdom. Parliament (1870). *An Act to amend the law relating to life assurance companies.* [legislation]. 1870. [RKN: 17722]
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Institute Library holds 1st (1857), 2nd (1867), 3rd (1900), 4th (1901), 5th (1912) and 6th (1922) editions

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This tontine appears to have been established before 1810 - the first printed recorded death on this paper was in January 1810. The printed text records deaths up to 1834 and had been updated in manuscript to 1849. Each of the four classes contained eighteen names: Lord Stowell was the last man standing in the fourth class, enjoying £51 p.a. from the death of the penultimate survivor in 1833 until his own death in 1836. The document offers a fascinating insight into a highly speculative transaction, now illegal. This copy is endorsed to the Rev. C Perigal; Susanne and Sarah Perigal were among the second class, both apparently still alive in 1851.
- Walmesley, D C** (1749). *Analyse des mesures des rapports et des angles: ou réduction des intégrales aux logarithmes et aux arcs de cercles*. [book]. - Paris: chez G F Quillau, 1749. [RKN: 41552]
Provenance: Francis Maseres Library; then Inner Temple Library -- Acquired from auction with Henry Briggs, Arithmetica logarithmica (English edition), 1631 - [RKN 20126] and 3 other items -- Possible for withdrawal from stock notwithstanding Francis Maseres former ownership -- Bought with Briggs [RKN: 1631] and subsequently sold
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