

確率論, 保険數學, 統計數學等ニ關スル1900年以前 ノ文献目録(I), 1619年 - 1850年, 其ノ一

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資料及文獻紹介

確率論，保險數學，統計數學等ニ關スル 1900 年
以前ノ文獻目録 (I)，1619 年—1850 年，其ノ一

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本文獻目録は昭和十三年四月發表された事があつたのであります。今回著者の御承諾により本誌に連載させてもらふ事になりました事に對し、著者藤原教授の御厚意並びに本會理事河田龍夫氏の御盡力を深謝します。尙次の序言を以つて始められて居ります(編輯部)。

昭和十一，十二ノ二ケ年ニ互ル生命保險會社協會ノ補助ニ依ツテ，保險數學ノ史的研究ヲ遂行スルヲ得タルコトニ對シテ，深甚ノ感謝ノ意ヲ表シタイ。該研究ノ副産物トシテ，十七世紀ニ於ケル確立論ノ誕生以來，一千九百年ニ至ルマデニ，歐米ニ於テ公ニサレタ確立論，保險數學，統計數學等ニ關スル文獻(主トシテ公刊書)ノ總目録ヲ調製スルヲ得タ。本目録ハ未ダ完全トハイヒ難イガ，カカル文獻ヲマトメタモノガ見當ラヌノデ，完成ハ他日ニ期シ，茲ニ兎モ角モ公ニスルコトニシタ。又此方面ノ研究ニ從事スル學徒ニ對シテハ，如何ナル文獻ガ如何ナル場所ニ現存スルカラ知ルコトハ，頗ル緊要ノコトデアル。依テ本目録ニ於テハ，本邦ニ於ケル二三主要ナル圖書室ヲ附記シテ文獻ノ所在ヲ明カニシタ。

學界ニ對シテ此小寄與ヲナスヲ得タルコトニ關シ，茲ニ再ビ生命保險會社協會ニ感謝ノ意ヲ表スルト同時ニ，此調査ニツイテ至大ノ便宜ヲ與ヘラレタル，アクチュアリー鈴木敏一，守田常直二君ニ厚ク御禮ヲ申シタイ。昭和十三年四月東北帝國大學數學教室 藤原松三郎

T: 東北大學數學教室圖書室。
D: 第一生命保險相互會社圖書室。
H: 生命保險會社協會圖書室。
N: 日本生命保險會社圖書室。

十 七 世 紀

1619. Gataker. On the nature and use of lots.
1654. Pascal et Fermat. Correspondance. (Pascal. Oeuvres, Paris 1819, tome 4, pp. 360-388). (T)
1657. Huygens. De ratiociniis in Ludo Aleae. (published in van Schooten. Exercitationum mathematicarum libri quinque, pp. 519-534)
1661. Thubeuf. Elemens et principes de la royale arithmetique aux jettons. Paris.
1662. Graunt, John. Natural and political observations mentioned in a following index and made upon the bills of mortality. (4 ed. 1665, Oxford; 5 ed. 1676. London. 5 ed D.)*
1663. Cardano. De ludo aleae.

(*) (5 ed. D) トアルハ第五版ガ D 圖書室ニ現存スルコトヲ示ス。

1669. Clavell. Roger. Tables for the forbearance and discompt of money, likewise tables of annuities. 2 ed.
1670. Caramuel. Kybeia.
1671. Johan de Witt. Waerdye van lijf-renten naer proportie van Losrenten, Hague. (**)
1679. Petty W.. Several essays in political arithmetick. (4 ed. 1755)
1681. Petty W.. Observations upon the Dublin bills of mortality. (a paper).
1683. Petty W.. On political arithmetic.
1689. Gonzalez T.. Fundamentum theologiae moralis etc., Dillingen. (2 ed. 1694)
1692. Motte and Bathurst. Of the laws of chance, London. (***) (4 ed. 1738)
1693. Halley E.. An estimate of the degrees of mortality of mankind, drawn from curious tables of the births and funerals at the city of Breslaw; with an attempt to ascertain the price of annuities on lives. Phil. Trans. 17. (T)
Some further considerations on the Breslaw bills of mortality. Phil. Trans. 17 *** (T)

十 八 世 紀

1708. Montmort. Essai d'Analyse sur les jeux de hasards. (2 ed. 1714) (2 ed. T)
1709. Bernoulli. N. Specimina Artes conjectandi ad questiones Iuris applicatae. (Acta Eruditorum 4. suppl. = 抜萃アヲ)
1709. Berbeyrac. Traité du jeu. (2 ed. 1744)
1710. Ward, Johannes. Clavis usurae; or a key to interest, both simple and compound. (D)
1711. Hatton E.. Interest tables. (3 ed. 1717)
1713. Bernoulli J.. Ars conjectandi. (****) (T)
1718. De Moivre. Doctrine of chances, London. (2 ed. 1738, 3 ed. 1756) (1, 2, 3 ed. D; 2 ed. T)
1725. De Moivre. Annuities upon lives. (2 ed. 1743, 3 ed. 1750, 4 ed. 1752, ed. 1731)
(2 ed. H; ed. 1731. T)
1726. Smart J.. Tables of interest, discount, annuities etc., London. (T) (abridged edition 1735, edition revised and enlarged by Brand with appendix, 1780) (ed. 1780, T, D)
1727. Hayes R.. A new method for valuing of annuities upon lives. (2 ed. 1746)
1728. Hayes R.. Estimate showing how many years' purchase a place for life is worth.
- 1732: Segueri P.. Lettere sulla materia del probabile, Colonia.
1735. Kahle. Elementa logicae probabiliū methodo mathematica, in usu scientiarum et vitae aduata, Halae.
1737. Lee W.. An essay to ascertain the value of leases and annuities for years and lives and to estimate the chances of the duration of lives etc.. (another edition 1738) (D)
1737. s'Gravesande. Introductio ad philosophiam; metaphysicam et logicam continens, Leidae.
1783. Ham J.. On the laws of chance; or a method of calculation of the hazards of game etc. (edition with Simpson, 1792)
1738. Kersseboom. Eerste verhandeling tot een proeve om te weten de probable meenigte des volks in de provintien van Hollandt en West Vrieslandt etc.. (3 ed. 1748)
1738. Kersseboom. Kort bewijs, dat op de afstervinge, voorgevallen in een klein getal personen van zeekeren ou derdom, geensins een generale regel van levenskracht voor andere te fundeeren is etc.. (D)
1739. Florence. Calcul du jeux appellée par francois le trente-quarante etc..
1740. Kersseboom. Eenige anmerkingen op de gissingen over den staat van het menschelyk geslagt

**: Amsterdam ノ 數學協會百年祭(1879)ニ之ヲ複製シタ。(T, D)

***: Arbuthnot ノ 著トイフハ誤.

****: 此 ツノ 論文ハ Miscellanea Curiosa, Vol. 1. 1726 ニモ 載メラレテ 刊行サレタ.

*****: Ostwards Klassiker. No. 107. 108 ニ 載メラレテ キル.

etc..

1740. Kersseboom. Observatien waarin voornamentlyk gestoont word wat is gelijktijdigheid etc. (D)
1740. Simpson T.. Essays on several curious and useful subjects in speculative and mixed mathematics.
1740. Simpson T.. Treatise on the nature and law of chance. (2 ed. 1792) (2 ed. D)
1741. Süßmilch. Die göttliche Ordnung in den Veränderungen des menschlichen Geschlechtes aus der Geburt, dem Tode und der Fortpflanzung derselben erweisen , Berlin. (2 ed. 1761 u. 1762, 3 ed. 1765, 4 ed. 1775-76)
1742. Kersseboom. Tweede verhandeling, bevestigende de proeve om te weeten de probable meenigte des volks etc..
1742. Kersseboom. Derde verhandeling over de probable meenigte des volks etc..
1742. Simpson T.. The doctrine of annuities and reversions. (2 ed. 1775) Supplement 1791. (D)
1743. Simpson T.. Mathematical dissertations on a variety of physical and analytical subjects. (D)
1746. Deparcieux. Essai sur les probabilités de la durée de la vie humaine, Paris. (T, H, D)
1747. Hodgson J.. The valuation of annuities upon lives deduced from the London bills of mortality.
1747. Dodson. The mathematical repository, 1-3. (vol. 2, 1753, vol. 3, 1755)
(vol 1, 2 ed., vol. 2, 3, 1st ed. D)
1748. Kersseboom. Proeven van politieke Rekenkunde.(*)
1751. Lee W.. A valuation of annuities and leases certain for a single life; with tables. (D)
1751. Brent C.. Interest improved.
1752. Simpson T.. Select exercises for young proficients in the mathematics.
1753. Hardy J.. A complete system of interest and annuities; founded upon new, easy and rational principles.
1754. Stonehouse S.. The valuation of annuities on lives, deduced from the London bills of mortality etc..
1754. Hoyle. An essay towards asking the doctrine of chances easy to those who understand vulgar arithmetic only. (2 ed. 1758, 3 ed. 1764)
1755. Wargentín. Anmerkungen vom Nutzen der jährlichen Verzeichnisse Geborener und Verstorbener in einem Lande. 4 tes Stück. Königl. schwedische Akademie d. Wiss., Abh. 17, Hamburg-Leipzig.
1757. Simpson T.. Miscellaneous tracts on some curious subjects in mechanics, physical astronomy and speculative mathematics etc..
1758. Clark S.. The laws of chance: a mathematical investigation of the probability arising from any proposed circumstances of play.
1759. Petty-Graunt. Bills of mortality. (D)
- 1760? Forncey. The logic of probabilities, London. (Translated from french)
1761. Süßmilch. (Sterbetafel)
1762. Webb B.. The complete annuitant; consisting of tables of interest, simple and compound.
1763. Bayes. An essay towards solving a problem in the doctrine of chances. Phil. Trans. 53. (Ostwalds Klassiker, No. 169) (Ostwalds Klassiker, T)
1764. Groschius. Logica probabilium in artium practicarum subsidium adoruata, Halae.
1766. Garve. De nonnullis quae pertinent ad logicam probabilium, Halae.
1769. Price R.. Observations on the expectation of lives etc..
1771. Price R.. Observations on reversionary payments on schemes for proving annuities for widows and persons in old age etc., 2 vols. (Norwich and Northampton tables) (2 ed, 1772, 3 ed. 1777, 4 ed. 1783, 5 ed. 1792, 6 ed. 1803, 7 ed. 1812) (4 ed. T, 6 and 7 ed. H)
1771. Price R.. " " " " , in one volume, edited by T. Cadell.

(*): 1738, 1742 / Eerste, tweede, derde Verhandeling ヲ合セテ刊行セラル。

1773. Frömmlichen. Über Lehre der Wahrscheinlichkeit. Braunschweig.
1775. Brand C. A treatise on assurances and annuities on lives. (D)
1776. Laurie J. Tables of simple and compound interests. Edinburgh.
1778. Brand C. A table of the duration of lives in the corporation of the amicable society for a perpetual assurance office from the institution of the society (in 1706) to the year 1777 both inclusive, being upwards of 72 years.
1779. St. Cyran. Calcul des rentes viagères. Paris.
1779. Morgan W. The doctrine of annuities on lives and survivorships and assurances. (T)
(2 ed. The principles and doctrine of assurances, annuities on lives and contingent reversions, 1821)
1781. Hayes R. Interest at one view. 17 ed.
1781. Deparcieux. Traité des annuités ou des rentes etc., Paris. (*)
1783. Bicquille. Du calcul des probabilités. (2 ed. 1805)
1783. Maseres F. The principles of the doctrine of life annuities, London. (T)
1785. Condorcet. Essai sur l'application de l'Analyse à la probabilité des décisions etc. rendues à la pluralité des voix. Paris. (T)
- 1785-86. Tetens J. N. Einleitung zur Berechnung der Leibrenten und Anwartschaften, die vom Leben und Tode einer oder mehrerer Personen abhängen, Leipzig, 2 Bde. (N)
1786. Clarke J. On the excess of mortality of males above that of females.
1787. Duvillare E. E. Recherches sur les rentes, emprunts et les remboursements.
1788. Black W. Comparative view of the mortality of the human species, at all ages, diseases and casualties. charts and table.
1792. Waring. On the principles of translating algebraic quantities into probability relation and annuities. Cambridge.
1792. Blewert W. Perpetual and determinable annuities reduced to a level; or a comparative view of long and short annuities.
1792. Simpson T. Nature and laws of chance. (D)
1794. Wilkie Rev. D. Theory of interest, simple and compound, applied to annuities of all descriptions, Edinburgh.
1795. Maseres F. The doctrine of permutations and combinations. (D)
1796. King J. Tables of interest at 5 per cent. (another edition 1804, Liverpool)
1796. Hunt. Collections of cases on the annuity act. (D)
1799. Easton J. Human longevity. (D)
1800. Withy R. A practical treatise upon the law of annuities. (D)

十 九 世 紀

1801. Gardon. Antipathées de 90 nombres, probabilités, et observations comparatives, sur les loteries de France et Bruxelles, Paris.
1802. Ampère. Considération sur la théorie mathématique de jeu, Lyon. (T)
1802. Baily F. Tables for the purchasing and renewing of leases for terms of years certain, and for lives etc., with appendix. (2 ed. 1807, 3 ed. 1812)
1802. Trembley. Observation sur le calcul d'un jeu de hasard. Memoires de Acad. de Berlin.
1803. Price T. Interest tables.
1805. Condorcet. Elément du calcul des probabilités et ses applications aux jeux de hasard.
1805. Gardon. Traité élémentaire des probabilités, Paris.
1806. Pagano. Logica dei probabilita Napoli.

(*) 1748. Essai sur les prob. etc. の著者不明。

1806. Duillard E. E. Analyse et tableaux de l'influence de la petite verole sur la moralité à chaque âge et de celle qu'un preservatif tel que la vaccine peut avoir sur la population et la longévité, Paris. (D)
1808. Baily F.. The doctrine of interest and annuities with tables. (2 ed. 1816) (T)
1808. Sir Issac Newton's tables for renewing and purchasing the leases of cathedral-churches and colleges etc.. London. 8 ed.. (D)
1810. Baily F.. The doctrine of life annuities and assurance analytically investigated and explained. (2 ed. 1813; also reprinted in 1864-66 with additions by H. Filipowsky, 2 vols., Liverpool) (T)
1810. Poincot. Traité du calcul conjectural ou l'art de raisonner sur les choses futures et inconnues, Paris.
1810. Campbell W.. The value of annuities on single lives, Northampton, 4 per cent, with the amount of the several rates of legacy duty payable.
1811. Trusler. Information *re* purchase of estates, advowsons, annuities etc. with tables.
1812. Corbaux. Essai métaphysiques et mathématiques sur le hasard, Paris.
1812. Condorcet. Discours sur l'astronomie et le calcul des probabilité.
1812. Laplace. Théorie analytique des probabilités. (2 ed. 1814, 3 ed. 1820) (3 ed. T, D)
1813. Baily F.. The doctrine of life annuities, Appendix. (T)
1813. Baily F.. The doctrine of life annuities. with appendix. 2 vols. (T)
(Théories des annuités viagères et des assurances sur la vie. French translation by A. de Courcy, Paris, 1836. 2 vol.) (T)
1814. Laplace. Essai philosophique sur les probabilités. (2 ed. 1814, 3 ed. 1816, 4 ed. 1819, another ed. 1829, Bruxelles, 6 ed. 1840) (2 ed. T, 5 ed. H, 6 ed. T)
(English translation by F. W. Truscott and F. L. Emory, 1902) (T)
1814. Rouse W.. Doctrine of chances, London. (T)
1815. Milne, Joshua. A treatise on the valuation of annuities and assurances. 2 vols. (Carlisle table) (T, D)
1815. Morgan W.. Memoires of the life of the Rev. Richard Price.
1816. Lacroix. Traité élémentaire des calcul des probabilités. (2 ed. 1822, 3 ed. 1833, 4 ed. 1864, edition Bruxelles 1835) (1, 3, 4 ed. T)
1818. Clark J.. Observations on annuities, with a general outline of the European life assurance company.
1819. Poudra et Hossard. Questions de probabilité résolue par la géométrie, Paris.
1820. Gompertz B. Sketch of an analysis and notation applicable to the value of life contingencies.
1820. Brune E. W.. Berechnung der Lebensrenten und Anwartschaften, Lemgo.
1821. Benwell J. B.. An essay on interest and annuities.
1821. Fourier J.. Recherches statistiques sur la ville de Paris et la departement de la Seine, Paris. 6 vols. 1821-29. (2 ed. vol. 1, 1833, vol. 2. 1834)
1821. Ruffini. Reflessioni critiche sopra il saggio filosofica intorno alle probabilita del sig. Conte Laplace, Modena.
1821. Dunn T.. Tables of simple interest computed decimally etc. and supplemental table. Glasgow.
1821. Morgan W.. The principles and doctrine of assurances, annuities etc..
1822. Croudace J.. Tables of interest at 4 per cent per annum for every day in the year. to which are added extensive tables of commjssion from 1/16th to 5 per cent etc.. Leeds.
1823. Cleland J.. Statistical tables relative to the city of Glasgow. 3 ed. Glasgow.
1823. Meyer J H.. Allgemeine Anleitung zur Berechnung der Leibrenten und Anwartschaften, Copenhagen. 2 Bde (D)
1823. Fourier J.. Recueil de tableaux dressés et réunis d'après les ordres de M le comte de Chabrol. prefet du département 3 vols.. 1823-29

1823. Thomas R. Tables of the value of estates, annuities, assurance on lives. Falmouth.
1824. Degen. Tabularum ad faciliorem probabilitatis computationes utilem Enneas.
1825. Corbaux. F.. The doctrine of compound interest, with new and compendious tables.
1825. Hendry W.. Method of calculation of the value of life annuities, assurances. (D)
1825. Hendry W.. The value of life annuities, assurances and fines payable on the renewing of leases.
1825. Gompertz B.. On the nature of the function expressive of the law of human mortality and on a new method of determining the value of life contingencies.
1825. Davies G.. Tables of life contingencies containing the values of annuities and assurances on the experience of the Equitable Society and other tables. (D)
1825. Thatcher G.. A treatise on annuities for fixed periods with a table calculating long annuities.
1826. Quetelet. Mémoire sur les lois de naissance etc..
1827. Quetelet. Recherches sur la population etc..
1828. Hulley E.. Tables of the values of annuities and assurances on lives of equal ages, Northampton.
1828. Quetelet. Instructions populaires sur le calcul des probabilités, Bruxelles. (English translation by R. Beaumish, 1839) (Engl. Trans. H.)
1829. Farren G.. Observations on the laws of mortality and disease, and on the principles of life insurance.
1829. Duncan J. J.. Tables of the expectation of life in Glasgow, and of the value of annuities based thereon.
1829. Finlaison J.. Life annuities, Mortality of government life annuitants.
1829. Guerry A. M.. Statistique comparé de l'état de l'instruction et du nombre des crimes dans les divers arrondissements des cours royales et des académies universitaires de France, Paris.
1830. Edmonds J. R.. Life tables. (D)
1830. Benwell J. B.. New formulas in the valuation of annuities on lives.
1832. Marshall J.. Mortality of the Metropolis.
1832. Farren G.. Observations on the mortalities among the members of the British peerage.
1832. Edmonds T. R.. Life tables, founded upon the discovery of a numerical law regulating the existence of every human being etc..
1833. Littrow. Die Wahrscheinlichkeitsrechnung in ihrer Anwendung auf das wissenschaftliche und praktische Leben, Wien.
1833. Essai sur la statistique morale de la France, précède d'un rapport à l'académie des sciences par Mrs. Lacroix, Silvestre et Girard, Paris.
1833. Corbaux F.. On the natural and mathematical laws concerning population, vitality and interest tables, London.
1833. Finlaison J.. Table for providing relief in sickness and old age.
1834. Hauteserve. Traité élémentaire sur les probabilités, Paris.
1834. Morgan A.. Tables showing the total number of persons assured in the Equitable Society etc..
1835. Kelly J. B.. Treatise on the law of life annuities; with observations on the present system of life assurance and on a scheme for a new company.
1835. Quetelet. Sur l'homme et le développement de ses facultés, ou essai de physique sociale, Paris. 2 vols. (Edition Bruxelles 1836, 1842) (H)
English translation by R. Knox, Edinburgh, 1842. A treatise on man and the development of his faculties. (D)
Deutsche Übersetzung von V. A. Riecke, Stuttgart, 1838. Über den Menschen und die Entwicklung seiner Fähigkeiten. (D)

1835. Barrois. Applications du calcul des probabilités aux assurances contre l'incendie. Lille.
1835. Casper J. L.. Die wahrscheinliche Lebensdauer des Menschen. Berlin.
- 1835-36. Glasgow mortality bill for 1835- and 1836, and letter by Henry Paul.
1836. Catalogue of books and single papers relating to the subjects of the rate of mortality, annuities, and life assurances etc..
1837. Alex M'Kean. Practical life tables.
1837. Poisson S. D.. Recherches sur la probabilité des jugement etc. (T)
(deutsche Übersetzung von C. H. Schluse, Lehrbuch der Wahrscheinlichkeitsrechnung und deren wichtigsten Anwendung, Braunschweig, 1841) (H)
1837. De Morgan. Treatise on the theory of probabilities.
1837. Hagen G.. Grundzüge der Wahrscheinlichkeitsrechnung, Berlin. (2 ed. 1867, 3 ed. 1882)
1838. De Morgan. An essay on probabilities and on their application to life contingencies and insurance offices. (T)
1838. Tulloch A. M.. Statistical reports on the sickness, mortality and invaliding among H. M. Troops arriving in Ceylon, Tenasserim Burmese Empire, West Indies, West Africa, St-Helena, Cape of Good Hope and the Mauritius. 3 vols.
1839. Hardy P.. The doctrine of simple and compound interest, annuities and reversions with tables.
1839. Baily F.. Die Theorie der Lebensversicherung, Witwenkassen und anderer ähnlichen Anstalten, Weimar. (H)
1839. Moser. Die Gesetze der Lebensdauer, Berlin. (D)
1839. Quetelet. Popular instructions on the calculus of probabilities, with notes by Richard Beanish. (another edition 1849)
1839. Galloway T.. A treatise on probability, Edinburgh. (From Encyclopedia Britannica, 7 ed.) (D)
1839. De Morgan.. On the calculation of single life contingencies.
1839. Jahn. Die Wahrscheinlichkeitsrechnung und ihre Anwendung auf das wissenschaftliche und praktische Leben, Leipzig.
1839. Adolf G.. Die Wahrscheinlichkeitsrechnung. (D)
1840. Hardy P.. New and general method for life contingencies. (D)
1840. Hauteresve. Application de l'algèbre élémentaire au calcul des probabilités, Paris.
1841. Sang E.. Life assurance and annuity tables. Carlisle table 3 per cent, Edinburgh.
1841. Galloway T.. Tables of mortality deduced from the experience of the amicable society for a perpetual assurance office. during a period of 33 years, ending april 5, 1841.
1842. Fries. Versuch einer Kritik der Prinzipien der Wahrscheinlichkeitsrechnung.
1842. Pocock L.. A chronological list of books and pamphlets relating to the doctrine of chances, annuities, life assurances etc.. 2 ed..
1843. Cournot. Exposition de la théorie des chances et des probabilités. (Deutsche Übersetzung, 1849. (D)) (T, D)
1843. Jones D.. On the values of annuities and reversionary payments, with tables. 2 vols.
1843. Gray P.. Commutation table for calculating benefits on single lives, according to J. Finlaison's 20th observations. (males).
1843. Jones J.. A series of tables of annuities and assurances, calculated from a new rate of mortality among assured lives. (17 office table) etc.. (D)
1843. Jones J.-Gill C.. Report on mortality experience of the mutual life insurance company (N. Y), 1843-51.
1844. Baylis E.. The arithmetic of annuities and life assurances or compound interest simplified.
1844. Jones D.. On the values of annuities and reversionary payments with numerous tables, 2 vols. (T, H)
1844. Farren E. J.. Historical essay on the doctrine of life contingencies in England.

1844. Quetelet. Recheaches statistiques.
1845. Tchebycheff. Essai d'analyse élémentaire de la théorie des probabilités. (Thèse)
1845. Bleibtreu L. C.. Politische Arithmetik, Heidelberg. (D)
1845. Oettinger L.. Anleitung zur finanziellen, politischen und juristischen Rechnungen.
1845. Huberdt. Die Principien der Wahrscheinlichkeitsrechnung. Berlin.
1845. Ingram. Interest tables from one to seven per cent.
1846. Quetelet. Lettres à S.A.R. le duc régnant de Saxe-Coburg et Gotha, sur la théorie des probabilités appliquées aux sciences morales et politiques, Bruxelles. (T, H)
(English translation by Downes, London, 1849)
1847. Finlaison J. and A. G.. Tables for the use of friendly societies.
1847. Wigglesworth Th.. Essay on the rate of mortality among children, with tables.
1848. Gourard C.. Histoire du calcul des probabilité depuis ses origines jusqu'à nos jours. (H)
1848. Wigglesworth Th.. Carlisle probability tables etc..
1849. De Morgan. Theory of probability (from Encyclopedia metropolitana) (T)
1849. Gray P.. Tables and formulas for the computations of life contingencies, London. (edition with Addendum, 1870)
1849. Quetelet. Nouvelles tables de mortalité pour la Belgique.
1850. Ratcliffe H.. Observations on the rate of mortality and sickness existing among friendly societies, with original fables etc., Manchester. (other ed. 1862, 1872)
1850. Orchard W.. Single and annual premiums for every value of annuity, adapted to any mortality table. (2 ed. 1856)
1850. Hudson J. C.. Table for valuing annuities subject to legacy duty, from one shilling to £500. 3 ed..
1850. Harry P.. On the values of annuities which are to pay certain given rates of interest.
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注意：昭和十三年本目録發表後，更に追加すべき文献を著者藤原教授は見出されし由であります，それは次號以下の適當な機会に於いてこれを補ふ事に御約束してあります(編輯部)。